

DATE BOOK

1 9 3 6

COUNTING HOUSE

CALENDAR 1936

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MAR.

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APRIL

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JUNE

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JULY

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AUG.

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SEPT.

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OCT.

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DEC.

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THE YEAR 1 9 3 6

Return to L. M. Kleauver
233 West Juniper St.
San Diego
California



No. 8012

National Blank Book Company
Holyoke, Mass.

MADE IN U. S. A.

THIRTEEN-PERIOD CALENDAR FOR 1936

For a number of years the practice of dividing the year into 13 periods of 4 weeks each has been gaining favor in business. Divided this way, any period is directly comparable to any other period.

The varying number of calendar days, working days, Saturdays, etc., in different months of the ordinary 12 month calendar often distorts seriously such vital statistics of business as sales, costs, production, payrolls, etc. For National Diary users who record such facts on a weekly or four weekly basis, the 1936 Official 13 period calendar is presented by courtesy of the International Fixed Calendar League, Rochester, N. Y.

		1st Period						
		S	M	T	W	T	F	S
Dec.	29	30	31	1	2	3	4	
Jan.	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	

		2nd Period						
		S	M	T	W	T	F	S
Jan.	26	27	28	29	30	31	1	
Feb.	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	

		3rd Period						
		S	M	T	W	T	F	S
Feb.	23	24	25	26	27	28	29	
Mar.	1	2	3	4	5	6	7	
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	

		4th Period						
		S	M	T	W	T	F	S
Mar.	22	23	24	25	26	27	28	
	29	30	31	1	2	3	4	
April	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	

		5th Period						
		S	M	T	W	T	F	S
April	19	20	21	22	23	24	25	
	26	27	28	29	30	1	2	
May	3	4	5	6	7	8	9	
	10	11	12	13	14	15	16	

		6th Period						
		S	M	T	W	T	F	S
May	17	18	19	20	21	22	23	
	24	25	26	27	28	29	30	
	31	1	2	3	4	5	6	
June	7	8	9	10	11	12	13	

		7th Period						
		S	M	T	W	T	F	S
June	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
	28	29	30	1	2	3	4	
July	5	6	7	8	9	10	11	

		8th Period						
		S	M	T	W	T	F	S
July	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	
	26	27	28	29	30	31	1	
Aug.	2	3	4	5	6	7	8	

		9th Period						
		S	M	T	W	T	F	S
Aug.	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
Sept.	30	31	1	2	3	4	5	

		10th Period						
		S	M	T	W	T	F	S
Sept.	6	7	8	9	10	11	12	
	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28	29	30	1	2	3	

		11th Period						
		S	M	T	W	T	F	S
Oct.	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	31	

		12th Period						
		S	M	T	W	T	F	S
Nov.	1	2	3	4	5	6	7	
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	

		13th Period						
		S	M	T	W	T	F	S
Dec.	29	30	1	2	3	4	5	
	6	7	8	9	10	11	12	
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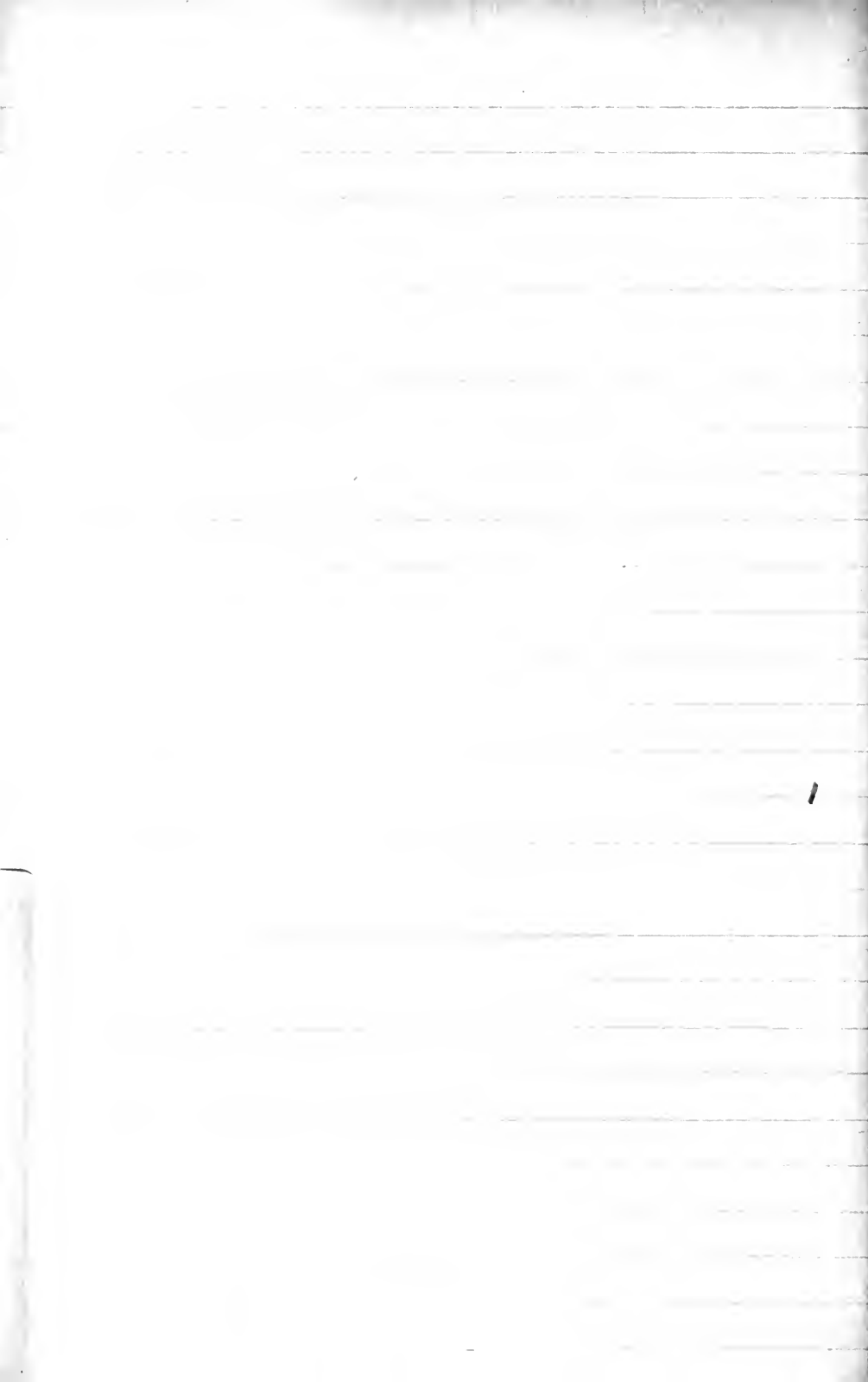
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WEDNESDAY, JANUARY 1, 1936

1st
Day

Happy New Year

365 Days
to come

Today went to the Stanford - Southern Methodist game in Pasadena. Started at 10. A clear warm day 54 miles in the country - nothing seen.

Returned starting at 5 arrived at 10. Hyla heard at Serra.

(May 5th Cont)

looks fine from Gila Bend to Casa Grande. The road is mostly flush, and there is much sandy washes, some rocks, squawitas, mesquites, and other brush. Most of the country between Casa Grande and Tucson is N.G. - road banked high and railroad on one side and canal on the other.

1 Sidewinder BOR 5 mi. W. of Casa Grande a sandy flat with mesquite. Paved.

After arriving at Tucson at 3 P.M. went down the Nogales road a few miles. Doesn't look very good. Then out the Boyles road. This looks a little better. Grease wood. The road is somewhat banked but there is grass on the berm. Then went out the Phoenix road for about 5 miles. This looks good. Brush
(Continued on Jan 2)

Cook worked today.

Have a bad cold; no pep for any work.

Put on a stunt at Rotary Club today.

(May 5th Continued from Jan 1)

Got all ready for the evening drive and started out at 7¹⁰. Full moon and cool. No wind. Drove 102 miles and got 1 DOR snake. One of the most disappointing evenings I ever put in, having in mind the territory and what it is supposed to produce. Either it is too early in the season or the full moon caused the faises.

First went out the Phoenix road 34 miles (68 both ways). Ran into a 4 mi detour and found the road beyond was not paved. Returned to Tucson and went out the Douglas road 17 miles (34 both ways) One small scute DOR 6 mi. SE of Tucson. Paved.

Back at the auto count at 10⁴⁵ and turned in; quite disgusted. Total miles today 377; for the trip to date 503.

FRIDAY, JANUARY 3, 1936

3rd
Day

Battle of Princeton 1777

363 Days
to come

Cook worked today.
Checked up progress with
Bilderbach and Miss Carmody
Cold still bad.

(May 6th Cont)

and St. David there was a good
looking river valley where collecting
with plenty of time should be
very good. Saw the Huachuca Mts
in the distance and also the Chiricahuas.
It was very windy and dusty at
Douglas. From Howell all the way
to the NM line the country is a dry
plain and uninteresting herpetologically.
From Lordsburg to Deming and
Las Cruces is more plain - windblown.
Some mesquite, sage, grass, much
yuccas. The continental divide is no
barrier here. Wouldn't know when it
was passed over except for the sign.
Can easily see why prairie species
are to be expected in SE Arizona.
I suppose that morning collecting if
without wind should be good in
this territory; probably the first time
to collect would be June. From Las
Cruces to El Paso the road follows
(Continued on next page)

Cheating up Miss. Carmody's work. Found many errors.

Spend all afternoon rearranging the library.

Cold still very annoying.

(May 6th continued from Jan 3)
the river and doesn't look good except for some mesquite dunes.

1 Patchnose DOR 5 mi. E. of Pantano
mesquite brush. M. Pima Co

1 Longnose DOR L. Benson, Cochise Co
mesquite brush. Had plenty of red
like a coastal specimen in S.D. Co.

1 Gopher L. D.O.R. Benson, Cochise Co.
River bank with trees and brush.

1 Red Racer L. DOR, ^{St. David} Benson, Cochise Co.
mesquite. Yellowish specimen.

1 Red Racer L. DOR St. David, Cochise Co
Reddish and some black but not a
dark head or neck.

1 Gopher L DOR. 7 mi. S. of St. David. large
even spots. Rocky desert.

1 Patchnose M. DOR. 6 mi. S E of Tombstone
in the Tombstone Hills, Cochise Co. light
brush.

1 Patchnose M. DOR 5 mi. NW of Bisbee
in Tombstone Canyon. Creek with trees
(Cont. on Jan 5th)

SUNDAY, JANUARY 5, 1936

5th
Day

2nd Sunday after Christmas

361 Days
to come

Philip left at 8⁴⁵

Worked all morning and until 3 P.M. checking up Bilderbach's sketches - determining changes and additional sketches needed. Made a schedule of sketches and coordinated them with the key itself.

Worked until late in the evening tabulating new ruttler material for Miss Carmody to average.

(May 6th - Continued from Jan 4)
and a rocky hillside.

1 Gopher L. DOR Chiricahua (RR sta. not mt.) Cochise Co. a dry grassy plain.

1 Racer L DOR Chiricahua, Cochise Co. Unicolor brownish. Dry grassy plain.

1 Gopher L DOR. Mongolia, Luna Co. mesquite - yucca plain - very windy. This was well off the road but spied it as the ravens were eating it.

1 Gopher L DOR a mi. E. of Deming Fields. large square blotches.

1 large speckled King. Quite black below. Same place. Luna Co.
(continued on Jan 6th)

MONDAY, JANUARY 6, 1936

6th
Day

Epiphany

360 Days
to come

Worked on nattle statistics tonight.
Went over work thoroughly with
Bilderbach and Miss Carimody
today.

Cook worked today.

(May 6th Cont from Jan 5)

Arrived at El Paso at 7⁴⁵ and
went to an auto camp. Then had
supper. Very tired. Went uptown in
a street car to see the place.
Back and turned in at 10³⁰.

A disappointing day largely
because of the wind.

Total miles today 377; for the
trip thus far 980.

TUESDAY, JANUARY 7, 1936

7th
Day

359 Days
to come

Cook worked today.

(May 7th Continued)

Reached Carlsbad at about $\pm 3^{\circ}$ and drove around town to select an auto court. Got mail. Then spent the afternoon laying around. A strong cold wind blowing all afternoon.

Saw a Phrynosoma coronatum squashed on the road between camp and town.

Took a ride of 28 miles this evening out the Peck road which looks poor and out the Roswell road which looks good but it was merely a gesture because of the cold and wind which continues unabated.

Total miles today 197.

WEDNESDAY, JANUARY 8, 1936

8th
Day

Battle of New Orleans 1815

358 Days
to come

Cook worked today
Sold Bayuk stock today
Accounts all evening

(May 9th Continued)

they must be fairly common hereabouts
in good weather.

At Vaughan it was cool and
cloudy and had evidently rained recently.
A few sprinkles of rain were felt.
From Encino on the country is increasingly
rolling although there are some plains.
Gradually come into Juniper with
rock outcrops. Now it is very cold and
windy.

Reached Santa Fe at 4 P.M. and
spent an hour and a quarter sight-seeing.
Arrived at Albuquerque at 7³⁰. Put
up at the best auto court so far. Had the
car thoroughly serviced and went to
a movie. Turned in at 11³⁰.

Miles today 346; for the trip so
far 1617.

Results for today

1 Whipsnake L DOR 6 mi. NW of Carlsbad
grayish-brown. Mesquite and dry mesquite
red.

1 Longnose M. DOR 8 mi N.W of Carlsbad.
(Continued on Jan. 9)

THURSDAY, JANUARY 9, 1936

9th
Day

357 Days
to come

Cook worked today
Worked up field trips July 1 - Dec 31
1935. tonight.

(May 9 Continued from Jan 8)

light brush. Saved

1 Gopher L DOR Lakewood, Eddy Co
light brush.

The dead rabbits along here ran 3.4
per mile.

1 Whip snake L DOR ^{Dayton} Cumberland, Eddy
Co. Dry grassy plain. Gray-brown
unicolor.

1 Whip snake M DOR Orchard Park, Eddy
Co. Fields. Saved head

left Roswell at 10⁴⁵ and began 200
miles of unpaved road.

1 Horned toad seen 3 mi. N. of Roswell.

Saw a whiptail crossing the road 48
miles north of Roswell.

Hunted for a short time in a
small sandstone outcrop 50 miles
north of Roswell. Got a whiptail here
Chaves Co. No Holbrookia was seen
although it was typical Holbrookia
country. Low grass plain with a few
scattered rocks.

1 Horned toad caught on the road 54 miles

(Continued on Jan 10)

FRIDAY, JANUARY 10, 1936

10th
Day

356 Days
to come

Cook worked today.

Reed from Miss Ma Terry an
atrox from along the line of the
All-American Canal

At a poker party tonight

(May 9th continued from Jan 9)

North of Roswell, Chaves Co.

1 Hogwire DOR 55 mi. N. of Roswell, Chaves Co.

L. Low-grass plain.

1 Gopher M. DOR Ramon, Lincoln Co.

Prairie - sparse grass.

1 Gopher L DOR Joffre, Guadalupe Co.
Dry grass prairie. Buried head

Green grass from Encino 15 miles then
the juniper begins.

Spent a few moments overturning flat
rocks at a ledge 14 mi. E. of Stanley
Santa Fe Co., and found a young gopher
broke dormant with cold. It was now
very cold and windy.

1 Gopher L. DOR 10 mi. SW of Santa Fe,
Santa Fe Co. Very large snake. Grassy
plain.

There are several good looking creeks
and marshes between Santa Fe and
Albuquerque.

1 Gopher H DOR at Rosario, Santa Fe Co.
light brush.

SATURDAY, JANUARY 11, 1936

11th
Day

Alexander Hamilton—Born 1757

355 Days
to come

Spent the morning cleaning up a variety of miscellaneous items. In the afternoon made the entries in the SD Co census for the last half of 1935.

Grant called this noon.

Worked on the horned toad paper in the evening and made some progress.

1 P. c. annectens reported from Funcrest in Clulca 1935 list

(May 10th Continued)

First stopped at Rio Puerco and hunted in a black lava bluff and in sandstone on top. It was now clear and warm. Got 4 race runners and found a round-tailed horned toad under a rock. The race runners were quite common here - abundant but they were the only lizards seen - evidently out earlier than other species.

1 Gopher L DOR Ruwance (= Correo P6).

Sparse brush and grassy plain.

Hunted in red sandstone at Marmón and got 2 race runners.

1 Gopher L DOR Rito, Valencia Co

rocky gorge

(Continued on Jan 12)

Worked on the horned toad paper all day and got as far as I can go until hearing from various museums to which I have written for data on types.

Left for Los Angeles on the evening train.

(May 10th cont from Jan 11.)

There are five large sandhills near Old Laguna.

10 mi. E. of Grants, Valencia Co, there was a small stream which was full of Rana pipiens. Got 4. Got thoroughly plastered with mud as it was very soft and had to wash all clothes and boots at night.

1 Garter (plenty black in center line) below DOR 3 mi. W. of Grants. Buried head. Pitches filled with water - grass.

1 Gopher N DOR Bluewater, Valencia Co large spots. Barren fields, grass.

Stopped at Kirk's Trading Post at Manuelito, in Kinley Co and saw here a black headed Garter snake, a spotted night snake, and a small bull snake all preserved and caught in this immediate

(Continued on Jan. 13th)

MONDAY, JANUARY 13, 1936

13th
Day

353 Days
to come

Returned from Los Angeles
on the evening train.

Cook worked today

(May 10th Continued from Jan 12)
vicinity. Also a large atrox from the
outskirts of Albuquerque. Mrs. Kirk
said atrox was found at Mamelito
but I hardly think this conclusive.
She said prairie rattlers were more
common hereabouts than atrox and were
considered more dangerous.

Saw Miller at his zoo just inside
the New Mexico line. He said it was
too early for snakes as you could
tell by the lack of DORs along the road.
He certainly had this right. He said
he did not try to hunt snakes unless
there were plenty DORs although you
might find a few sunning themselves
on the rocks.

1 Striped racer, L DOR Lupton, Apache Co
Ariz. Brush.

From here on we go down and it gets
more barren with fewer trees.

1 Striped racer, L DOR Adamana Grass
1 striped racer, S DOR Ariz, Apache Co
Grass

(continued Jan. 14)

TUESDAY, JANUARY 14, 1936

14th
Day

352 Days
to come

Cook worked today.

(May 10th Cont. from Jan 13)

Arrived at Winslow at 7²⁰.

Cleaned up and went to the Santa Fe hotel to dinner.

at 9 P.M. took a run down to Canyon Padre and back. There were

plenty of mammals on the road but no reptiles. Too cold 65° to 70°.

Returned at 10¹⁵ and turned in at 11³⁰

Miles for the day 341 of which 55 were on the evening run.

WEDNESDAY, JANUARY 15, 1936

15th
Day

351 Days
to come

Frank Stephens told me of what he considers an authentic record of the Gila Monster in Nevada: 15 to 20 mi. S. of Goodsprings. Says his nephew a mining man who knows them well and would not confuse them with chuckawallas saw 2 there in the course of 10 years.

(May 11th Cont)

1 Gopher M DOR 4 mi. E. of Winslow, barren fields
Collared lizard seen at Petrified Forest,
near museum building.

From the Petrified Forest we went north to Adamana and highway 66. Here it was so late we had to speed up (75 mi. pr. hr.) to reach Winslow before the post-office closed. Passed 1 DOR snake (probably a racer) about 10 mi. E. of Holbrook, but couldn't stop. Left forwarding address; was disappointed in getting no mail. Probably there but undistributed. Had dinner at the Santa Fe hotel and started west from Winslow at 6⁵⁰. Sun still shining. At dusk stopped at Two Guns where Indian
(Continued on Jan 16)

Cook worked today

(May 11th Continued from Jan. 15)

Mills used to be. This Zoo is now run by Chief Seuntewa Sakiestewa, Canyon Lodge, Box 323, Winslow. He had only 1 rattler and after much persuasion I succeeded in trading the sidewinder caught at San Luis for it. Would never have succeeded if it hadn't been for Paul Ruthling who happened to be there. Didn't recognize him at first. The little rattler is from Canyon Diablo. The only other snake he had was a gopher. He had had a number of rattlers but a king snake had eaten them so he said. I made tentative arrangements with him whereby if the little hunting dies before I get to San Diego I can probably get more from him at \$1.00 ea. He will not catch them but knows cowboys who will. After chatting with Ruthling, pulled out for Flagstaff where we arrived at 9:15. It got continually colder as we went up and even at Canyon Padre was too cold for Arizona to be out. Miles for today 238

FRIDAY, JANUARY 17, 1936

17th
Day

Benjamin Franklin—Born 1706

349 Days
to come

Cook worked today.

Checked up with Bilderbach and Miss. Carmody today. Bilderbach has finished all the work laid out for him.

(May 12th Continued)

Shot a fine magister by the roadside in a pile of rocks. 2 mi. S. of Cameron.

1 Gopher L DOR 5 mi. S.W. of Cameron.

Saved head. Barren rocks and sandy desert. Looks like a typical utillus.

Hunted at noon for 1/2 hour in tumbled sandstone rocks 11 mi. W of Cameron. Got 2 magisters and 1 Uta stans, the only lizards seen. This was at noon.

1 Horned toad caught on the road 13 mi. E. of El Toron.

1 Horned toad DOR 3 mi. E. of El Toron.

On arrival we put up at Bright Angel Camp. This was at 2:30 P.M., as we had stopped at nearly all the view points.

Went over to the Administration building and spent about an hour with McKee. He told me he had

(Continued on Jan. 18)

SATURDAY, JANUARY 18, 1936

18th
Day

348 Days
to come

Worked all day and late into the evening on the key, correlating the figures with the items. Made good progress.

(May 12, continued from Jan 17)
sent me 4 rattlers from Indian Gardens on Monday and that I might keep 2.
We discussed various herpetological matters. He told me he wanted someone to work up the differences between the north and south rain forests. Thought it would make a good master's thesis. I also saw his photos of Maya temples showing rattlers as decorations. The rattlers were plain.

From 4 PM on we went for a short sight-seeing drive westward.

Total miles for today 120.

SUNDAY, JANUARY 19, 1936

19th
Day

2nd Sunday after Epiphany
Robert E. Lee—Born 1807

347 Days
to come

Spent the entire day and evening on the key, particularly the table of scale counts. Necessary to revise several species, arranging new sheets for Miss Carmody to calculate, especially where Gloyd has subdivided into subspecies.

(May 13 Cont)

up a long canyon coming into sage brush and cedar. This country looks as if it should have snakes.

Hunted a short time 1 mi S. of Cedar Ridge and got a reddish colored whiptail. *Uta stans* was seen here.

From Cedar Ridge down to the Navajo Bridge the country becomes increasingly barren. Much of the lower part does not look good for snakes. After passing Huserock it looks good again.

Hunted in rocks and sage 10 mi NE of Jacob's Lake and got a skelly. This looks good - ought to be rattlers here. Jacob's Lake itself is typical yellow pine forest - transition may be questioned whether rattlers occur
(Continued on Jan. 20)

Cook worked today
Movie tonight

(May 13th Continued from Jan. 19)
this high.

From here to north rim the country is all Transition or Canadian. Arrived at the lodge at 4³⁰ and got a cabin and gas with some difficulty as the season is just beginning. There are patches of snow all about.

Drove over to Cape Royal for the evening view. One of the finest if not the best on either rim. Skellies were very common here at 6³⁰ P.M. Caught a little one.

This was another disappointing day. The weather was perfect. Of course one would not expect snakes on the barren flats now in transition areas but between there was much good territory yet not even a DOR was seen.

Miles from the South Rim to the North
213. Total miles today 254

Cook worked today
 ✓ Reptile club tonight; talked
 on horned toads

(May 14th Continued)

of Fredonia. This is a light brush
 desert with flat rocks. It was
 quite hot and nothing was seen.
 Fredonia and Kanab are in the
 valley of the Kanab creek and are
 irrigated. It is rather desert round
 about and rocky; easy to see
 why Luteres should be found here,
 but not as far up as Jacob's lake.
 It should be noted particularly
 that any animal could follow
 down the Kanab Creek into the
 Grand Canyon. Thus the transition
 rain offers no barrier.

Hunted for a short time at Three
 lakes in the Kanab canyon. here
 there are ponds and a little stream.
 Found Rana pipiens plentiful. Also
 got a skelly and lost a sex lineatus.
 There are red sandstone cliffs here.
 On leaving I left the collecting
 box open which wasn't discovered
 until we reached Zion park; also
 (Continued on Jan 22nd)

Cook worked today
Left for San Francisco
on the afternoon train.

(May 14th - Continued from Jan. 21)
must have left the little Stevens single
shot leaning against the car and so
lost it.

After leaving Kanab Canyon there
is a long up-grade with some sage
gradually changing to juniper. Then
juniper and rocks - some sand.
Looks like a fine snake country but
we didn't see a thing dead or alive.
Then sandstone canyons.

After arrival at Zuni we saw
Cliff Nesnell and got the mail
from him. He had 2 rattlers, 2 scorpions,
and 3 Boyles Kings, all from the
canyon. He said it was a little
early for the best collecting.

Went down to Aldreda in Springdale
and got a cottage - pretty sad, but
at least had a shower.

Then drove to the head of the Canyon
and walked up the trail (about a
mile) as far as it goes. Found
arenicolus very common on the rocks
(Continued on Jan 23)

In San Francisco on business.
Talked to Stevin a few moments
by phone. Supper with Philip.

Cook worked today.

(May 14th continued from Jan 22)
and large in size. They are covered
with mites. Also got several
skellies in the rocks and 1 toad in
the sand. Saw 1 deer here and 5 at
the cafeteria where we returned
for supper at 6³⁰.

Started out for an evening drive
at 7¹⁵; went to a point a mile or so
south-west of Anderson's junction.
Heard toad calls of many kinds at
a number of points. Got 2 spade
foots and a compactilis? at
Toquerville and a compactilis at
Springdale. Had the usual trouble
hunting in a strange place where
fences & ditches etc can't be located.
Noted Scaphiopus and woodhousii
calls at Rockville. At various
points noted the frog-like croak of
Scaphiopus which was identified
by a specimen caught in the act; the
peck call call of Woodhousii; a
(Continued on Jan 24th)

FRIDAY, JANUARY 24, 1936

24th
Day

342 Days
to come

Cook worked today.

Drove down from LA with the
hynches in Rabers car arriving
at noon.

(Stay 14th - Cont from Jan. 23^d)
chatter like cognatus and a
trill like californicus. A few
days collecting would identify
all of these.

Returned to camp at 10³⁰.

Miles for the evening drive 55;
total for the day 213.

Spent the morning on miscellaneous work catching up including a trip to the Museum and Zoo to check the work of Bilderbach and Miss Carmody. In the afternoon worked again on the horned-toad paper and made some important additions.

(May 15th Continued)

Orderville. He raised his head and kept it raised in the usual race fashion. Contained skelly remains.

Returned to Zion at 5:30 189 miles. Got a cottage. Saw Presnall and got the mail. Presnall gave me a large Boyles King found near the Administration building. He reports that King snakes kill racers, second gophers, and rattlers least. He had a small reddish whiptail. Racers are found at Zion.

After getting settled we went a couple of miles up a little ^{side} ~~small~~ canyon past the service buildings. Here is a small creek, and Presnall said he had seen R. o. nea there. I hunted up and down this creek for about an hour. Found H. arenicolor common.

(Continued on Jan. 26)

Worked all day and evening on a wide variety of details particularly laying out work for Biederbach and Carmody and made first class progress. Also made up the 1935 census table - a long job

(May 15th Continued from Jan. 25th) especially on rocks bordering pools. Toads (compactilis) were found hopping about in the grass although it was still quite light. A good lot were picked up.

At a pond formed by a small dam I saw one frog. He seemed as large as the pipiens I have recently picked up. Couldn't catch him. He was too large for Onca.

There were two kinds of tadpoles in the stream - a large gray (probably arenicolor) and a small black (compactilis?). The grays were in the deeper pools.

Returned to the cafeteria to eat at about 7 o'clock.

At 8³⁰ went up the same creek again. Found B. punctatus very plentiful in the creek and trilling beautifully. The (Continued on Jan. 27)

To Chula Vista Rotary Club.
10 miles. Nothing seen.

Cook worked today.

(May 15 Continued from Jan 26th)
trill is quite birdlike. It is a little harsher than californicus the separate notes being clearly distinguishable. It comes between californicus and cognatus but without the harshness of the latter. This is probably what I heard last night. Collected a number.

May have heard Rana in this creek but couldn't be sure because of the noise made by punctatus.

Compactilis was not in the creek and was not trilling. ^{neither was} arenicolor.

Drove down to Springdale and Rockville and heard Scaphiopus and punctatus at both places but not near enough to go after. River too loud mostly.

Drove up the Canyon and almost ran over a deer. Heard no toads. Tried the little creek toward Carmel but heard nothing.

Preserved specimens and turned in at 11³⁰. A strong wind all night. Miles today. 219.

Cool worked today. Checked up with Bilderbach and Miss. Carmody.

(May 16th Continued)
at Harrisburg

Just before getting to Washington the country changes and becomes quite desert. Larger mesquite and loose soil. At Washington there is an irrigated valley. Tried the stream here for Rana without success.

Amongst other records which can be counted (working back to map are:

Whiptails: Washington
Harrisburg
La Verkin and Virgin
Grafton

Collared lizards: Same
Magister Grafton

Upon arrival at St. George at about 3³⁰ I looked up Dr. D.E. Beck at Dixie Junior College and saw his collection. He had a number of interesting things: Bufo semiauratus which is found only in damp
(Continued on Jan 29)

WEDNESDAY, JANUARY 29, 1936

29th
Day

William McKinley—Born 1843

337 Days
to come

Cook worked today
Out to dinner

(May 16th Continued from Jan 28)
places. He has recently collected
Tantilla, Trimerophodon, Rhinocheilus,
Leptotyphlops. He had short horned
horned toads from this vicinity. Told
me of a rattlesnake den where snakes
and gophers were found in the sand
den. He didn't see it personally.
He said gila monsters were fairly
common beyond Bloomington. His
king snakes are quite dark with
narrow white rings. Although tortoises
are found here they may not be
indigenous. He gave me a number
of specimens including both
kinds of horned toads, a king snake,
a gila monster from near Bloomington.

Then went to the home of a boy
named Wilkins and saw a number
of specimens including Rhinocheilus,
Tantilla, Coleonyx, C. wislizenii and
Rana all from St. George.

At 6³⁰ Beck, Wilkins and I drove
down the road to Littlefield Arizona,
returning at 10⁴⁵. It was a fine
(Continued on Jan 30th)

THURSDAY, JANUARY 30, 1936

30th
Day

Franklin Delano Roosevelt—Born 1882

336 Days
to come

✓ Talked to the Rotary Club today on inventions. Was allowed 14 minutes and stole an extra 5.

Too tired to work tonight

(May 16th — Continued from Jan 29th)
warm night, dark, a little chilly at the highest altitudes. A perfect night for snakes yet we got none on the road — a great disappointment.

1 Red racer L DOR 10 mi N. of Santa Clara. Light brush desert
1 Patchmore^M. wide light stripe 13 mi NW of Santa Clara. Light brush
1 Lutosus L DOR 15 mi. N.W. of Santa Clara Brush and juniper.
1 Red Racer M DOR Beaver Dam bridge (= Littlefield) Creek and brush.

Stopped at Beaver Dam Lodge where we were joined by another boy who knew the place. Found compactilis plentiful and collected many. Beck turned over a large stone and found 2 large red racers (very pink) in a hollow or hole. The stone was bedded in moist earth. After pulling one snake out saw the tail of the other, hooked like an extra tail.

(Continued on Jan 31).

FRIDAY, JANUARY 31, 1936

31st
Day

335 Days
to come

McClennan, of New Zealand
called today; hadn't seen him for
26 years

move tonight.

Got back the 3d copy of the key
from Steno

May 16th Continued from Jan 30th
We drove on a side road a short way
down to the Virgin River and collected
a number of compactilis and one rupestris.
Heard the compactilis call; watched the
food so there was no question. It has
some of the sick calf quality of woodhousei
at Yuma but is more of a trill, not so
harsh, nor so loud. Only sounds like
a calf at a distance. Has a little
of the musical trill of punctatus but
not as sweet.

1 Long nose DOR M 3 mi on Utah side
of the County Line. Saved
1 Bayless King L DOR Santa Clara
Saved.

Miles on evening trip 33; total miles
today 126.

Worked all day on the key giving it the 'steenth' check and going over. In the evening started on the King snake paper.

(May 17th Continued)

I forgot to mention yesterday that at the Santa Clara river crossing 8 mi N. of Santa Clara (Phivivits Shekit Indian Res.) Bufo punctatus was heard.

Spent the morning from ten until one fixing specimens and packing. Finally started west-bound at 10⁵.

Collared lizards were collected at the Indian Reservation head quarters (6 mi. N. of Santa Clara) and also 5 mi. W. of this point. (3 mi. E. of Summit)

Also a red racer M DOR at the Santa Clara river crossing. Paved the head. grass.

Was seen at the summit and collared lizards 1 2/3 miles west of here.

Hunted hard for Xantusia at Castle Cliff in tree species but got none. How many here (Continued on Feb. 2)

Spent the entire day and evening on the King snake paper and made good progress. Is now fairly well rounded out in initial form.

(May 17th Continued from Feb. 1)
Saw collared lizard and uta 1 mi. E. of the Utah-Arizona state line.

Shot a calley but lost him 2 mi. W. of Riverside.

Arrived at Las Vegas at 4 P.M. (Pacific Time) and put up at an auto court. Over 100 in the car and a shower felt fine.

Before arrival looked for that marsh. Found a fairly good one with tad poles but there was also a bull.

At 7⁰⁵ PM Pacific Time it was dusk—started up the Indian Springs road to make a real killing. A fine warm evening after a hot day. Little or no wind, no moon. They should have been out in force. Hylas were heard at a point 5 mi. out where an irrigation ditch crosses the road.

Turned back at 8¹⁵ 28 miles out at Lee Canyon branch. 8⁵⁰ now dark
(Continued on Feb. 3)

MONDAY, FEBRUARY 3, 1936

34th
Day

332 Days
to come

Cook worked today

Visited Abbott for a short time.

Went to the museum at noon to
check up with Miss Carbody
and Bilderbach. The latter home
sick.

✓ Talked on reptiles tonight to
the men of the City-County public
health service.

(May 17 Continued from Feb 2)
and quiet. Drove back 17 miles.
There was a cally dead 21 mi. from
Las Vegas. Turned up the Charleston
Mt. Road. Figured there should be
many dead snakes on this branch
as a stream of cars had been
coming down earlier in the evening.
Went 14 miles up this road. It
kept getting cooler with increased
altitude.

Came back to the irrigation ditch
5 mi. mt and went after Hylas
with boots on. Very hard work
and mud was so soft. They were
extremely wary. Got a Rana
and saw and lost a Hyla.
He was brown with usual marks
(Continued on Feb 4)

TUESDAY, FEBRUARY 4, 1936

35th
Day

331 Days
to come

Cook worked today

(May 17 Continued from Feb 3)

Returned to the auto court at 10³⁰

pretty well fogged. A most
disappointing evening with
conditions perfect and not a
snake found. Temp. at return 80°

Miles in evening drive 73.

Total today 238

Miles to date 3368.

WEDNESDAY, FEBRUARY 5, 1936

36th
Day

330 Days
to come

Cook worked today

Talked to Brucker about possibility of a cheap leaflet form of publication and am much enthused over the prospect.

(May 18th Continued)

Hunted a short time at Halloran Spring and got a leopard lizard and a cally.

Leopard lizard seen 4 mi. W. of Halloran Spring.

Chucks were seen at the south end of the Soda Lake Mts. Shot one but lost him.

At Cronise Dry Lake dips were very common. Many young ones were running about on the road. Stopped at some sand dunes in Cronise Valley to see if a sidewinder could be found. No tracks were seen. It was very hot. Got a dip and cally. Dips were seen at the foot of Cat Mountains and at Dunn.

At Herms found the remains of a rattlesnake DOR. Brought it home and soaked it. Head in bad shape but it seems more stephensi than mutch

(Continued in Feb 6)

Cook worked today at Nat. Hist.
Loc.

Checked up with Bilderbach and
Miss. Carmody.

Heard from Parker today and
so put the final touches on
the horned toad paper tonight.

(May 18th - Continued from Feb 5)

On one side where the prenasal
remains it seems to be in contact
with the rostral.

The inspector at Yermo had dips
and a sidewinder.

Noted call. Smic. E. of Barstow
1 Arizona M DOR 1 mi. N. of Barstow
Sandy desert with mesquite.

1 Sidewinder L DOR hemwood
Sandy desert with scattered brush.

1 Red racer M DOR Wild. Sandy desert
brush

1 Red racer M DOR Wild. Brown bars
on the head. Plenty of red. Sandy desert
brush.

Call. DOR at Helendale.

1 Gopher L DOR Orogrande Desert and brush.
Utas and Callys also seen here.

1 Scute L DOR 2 mi. NE of Miller's Corner
(Continued on Feb 7th)

FRIDAY, FEBRUARY 7, 1936

38th
Day

328 Days
to come

Coot worked today, mostly
at nat. Hist. Soc.
Talked to Abbott about publications.

(May 18th - Continued from Feb 6th)

brush and tree yuccas.

1 Gracia L DOR 4 mi. SW of Miller's
Corners. The stripes are well defined
and even. Saved a part of the body.

Brush and tree yuccas. Also one
horned toad DOR here. The head
plates are large and smooth although
a trifle peaked. Clearly a blainvillii.
Within a short distance there was
another horned toad with large plates
and quite smooth. Heavy brush

and a few scattered tree yuccas.
1 Red Racer L DOR Verdement. Brush.
Red with black head.

1 Red Racer L DOR 6 mi. NW of San
Bernardino. Heavy brush. Red
with black head.

1 Red Racer M DOR Grass. 4 mi. NW
of San Bernardino Red with a black
head.

1 Red Racer M DOR 3 mi. N.W. of
San Bernardino. Grass. Red
with a black head.

(Continued on Feb. 8th)

With possibility of publishing the rattlesnake material in a cheaper series, started work overhauling the several sections hitherto completed. Made good progress on I Introduction II Sex Ratio. Worked until late in the evening.

(May 18th Continued from Feb. 7th)
Noted a horned toad DOR at Colton which was clearly a blainvillii with large convex plates. Grass.

1 Red Racer L DOR Box Springs Grade S. of Riverside. Black head-red. Light brush.

1 Longnose L DOR Box Springs Grade. Plenty of red and black. Brush.

1 Longnose S DOR Box Springs Grade. Brush. Red and black.

Skelly also noted here.

Horned toad DOR at March Field.

1 Gopher M DOR 4 mi. SW of Perris. Brush. Saved this specimen.

Skellie's and Orcutt's also seen here.

1 Red Racer M DOR Elsinore. Brownish with black head. Grass.

(Continued on Feb. 9th)

SUNDAY, FEBRUARY 9, 1936

40th
Day

Septuagesima

326 Days
to come

Re-calculated the figures in the sex-ratio section and completed a redraft of this section.

~~Left for LA on the 8 PM train.~~

(May 18th Continued from Feb 8th)

Horned toad DOR at Elsinore.

Halophilus DOR at Wildomar

1 Gopher S DOR Wildomar Fields

1 Red Racer L DOR Wildomar. Fields

Black head.

1 To. hammondi squirming in the road at the pond 1 mi. N. of Temecula. Pond and grass.

1 Gopher S. DOR Fallbrook Oak trees and grass.

1 Boyle's King L squirming on the road at Bonsall. Grass. Saved this specimen: this was at 4⁵⁰. It had evidently just been run over.

1 Gopher S DOR Bonseck Grass. Saved

1 Boyle's King L DOR Vista. Grass and Orchard.

1 Gopher S. Squirming on the road. Vista Orange orchard. This was at 5 PM.

The snake was dead at 8 P.M. but the Boyle's King (see above) was still alive
(Continued on Feb. 10th)

MONDAY, FEBRUARY 10, 1936

41st
Day

325 Days
to come

Returned from Los Angeles in
the afternoon train. Worked on the
rattler papers on the train.

Cook worked today.

(May 18th Continued from Feb. 9th)
next morning. The gopher contained
the remains of a mouse.

1 Red Kacer L DOR 2 mi. S. of Escondido
Grass. Black head with red.

1 Halophuleia L DOR Miramar.

Arrived at 5¹⁰. Clear and cool.

Miles in San Diego County 66

Miles today 355

Total miles for the trip 3750.

TUESDAY, FEBRUARY 11, 1936

42nd
Day

324 Days
to come

Cook worked today.

Got back the copy of the
King Snake paper today and went
over it.

cook (cont.) (May 19th Continued)

1 Cerastes Dry lake S alive

1 Arizona Neoharrows L "

1 Leafhopper Dry lake "

May 15th

✓ Red Racers Ne Harrows alive

1 Leafhopper Dry lake alive.

1 Shore Hox "w. S. x Pentenac alive (= Yagiswell)

1 " " Dry lake alive

May 16

1 Leafhopper Top Pentenac DOR.

Went to the Reptile Club tonight
and told them about my trip.

WEDNESDAY, FEBRUARY 12, 1936

43rd
Day

Abraham Lincoln, Born 1809—Georgia Day (Ga.)

323 Days
to come

Cook worked today.

Worked on King snake paper again tonight.

(May 23d Continued)

the sidewinder pit but found nothing. Caught a small shovel nose on the road 1 mi. E. of the narrows. Some wind; not quite dark. 90°.

1 Gecko Caught at 3 mi. E. of Yaqui Well 720
1 " " " 2 " " " 725

A *Phyllorhynchus* (small) caught on the road 3 mi. W. of Dry Lake. Now dark still warm 91°.

Turned back again at the county line at 815. Still 91°.

Lost a snake on the road 5 mi. W. of Dry Lake. It was probably either a *Sagora* or *Phyllorhynchus*.

Passed Bob Hoard and his bunch. They had got several but had not done any too well.

1 *Phyllorhynchus* SDOR 2 mi. E. of the Narrows (Said) It was now cooling somewhat and conditions seemed better.

1 Large Worm Snake found crossing the pavement at The Narrows. 905 88°
(Continued on Feb. 13)

Cook worked today.

Checked up with Bilderbach
and Miss Carmody at the Museum.

(May 23^d Continued from Feb. 12)

1 Gecko at 9¹⁵ 5 mi. W. of the Narrows

1 Gecko at 9²⁰ 4 mi. W. of the Narrows
(= Yagui Well) 88°

1 Sonora DOR (saved) Yagui Well

1 Gecko at Yagui Well; also another
at the same point at 9³⁰ P.M.

1 Leafnose ^{Small} Caught on the road at Yagui
Well. Now 85°; 9³³ conditions
decidedly better.

1 Shovel nose at 9⁴⁰ caught on the
road at the foot of the Sentenas.

We should have turned back here
and have taken another run as far
as the Narrows as there was distinctly
more activity, evidently because it
was cooler. Unfortunately we didn't
as I was anxious to try the road
down the San Felipe which looked
good in the daytime.

1 Leafnose DOR 9⁵⁵ Top of Sentenas
(= San Felipe Valley) distinctly cooler
here.

From Accession Crossing we ran
(Continued Feb. 14)

FRIDAY, FEBRUARY 14, 1936

45th
Day

St. Valentine's Day

321 Days
to come

Cook worked today

Checked over the horned-toad paper
in the evening.

(May 432 Continued from Feb. 13th)
Smith on the dirt road for 5.7 miles and
then back. Didn't see a thing
although there were plenty of
mammals in spots. It was
considerably cooler than in the
San Felipe Wash. This trip proved
conclusively that it is almost
useless to work any unpaved road.
I doubt if we could have seen
a small snake had one been
present.

1 Gopher L DOR San Felipe Valley.
Killed because of its very large
eye.

Reached home at 1 AM.

Total miles 239; miles in SD
Co in daylight 97.

A fairly good take; might
have been better. The results tend
to prove that temperature is quite
important. Another run back to the
Narrows might have more definitely
proved it. Last year we stayed out
later (Continued on Feb. 15th)

SATURDAY, FEBRUARY 15, 1936

46th
Day

Battleship Maine Destroyed 1898

320 Days
to come

Garde informed me that the
spade foots began singing last night
at 10 o'clock but halophilus wasn't
heard until 3 AM (when he woke up)
spade foots had then ceased.

Made final overhaul of King
snake paper. Also horned toad
and rattler sex distribution papers.

Called on Chapman Grant
who leaves tomorrow for a
trip to Puerto Rico to be gone
6 or 8 months

(May 23^d continued from Feb. 14)
Bob Hoard's record for the same night
8³⁰ to 10³⁰ PM

1 Gecko Yaqui Well
✓ " " "

1 Ronora 1 mi. W. of Narrows.

1 Leaf nose 3 mi. W. of Dry Lake

1 Gecko do

1 Ronora 2 mi. W. of Dry Lake

1 Gecko 3 " " " " "

1 Leaf nose 2 " E of The Narrows

1 Gecko Yaqui Well

1 Gecko Antelope Cañon near the Bridge.

Also a garter 3 mi. N. of Julian
(Continued on Feb. 16th)

SUNDAY, FEBRUARY 16, 1936

47th
Day

Sexagesima

319 Days
to come

A final over haul of rattles
sex distribution paper; then
worked balance of the day on
income tax

(May 23rd continued from Feb. 15)

Record of Lee Arnold's trip May 16th

- | | | | | |
|----|--------------|-------------|----------|----------------|
| 4 | leaf noses | Sentenac | to | The Narrows |
| 10 | Gekos | " | " | " |
| 3 | Sonoras | DOR | " | " |
| 1 | Sonora | 2 mi. | E. | of Narrows |
| 1 | " | 1 " | E | " |
| 1 | " | 3 " | E | " |
| 1 | " | The Narrows | | |
| 1 | Red Rattlers | 3 mi. | W. | of The Narrows |
| 1 | Faded Snake | Sentenac | | |
| 1 | Red Racer | 1 1/2 mi. | W. | of Narrows |
| 1 | " | " | Sentenac | |

MONDAY, FEBRUARY 17, 1936

48th
Day

318 Days
to come

Cook worked today
meeting of reptile club
tonight.

Drove out to Mission Valley
today. 3 miles. Nothing seen.

(May 30th Continued)

with sandy mesquite hummocks.
Dought to be good for good evenings.

1 Gopher L DoR Grass trees

Keweenaw branch (should have been
entered above)

1 leopard lizard DoR 14 mi. NW of Indio

The afternoon drive was very cool
and dusty.

Started out on the evening drive at
6:50. Wind continuously increasing in
force. It was hopeless! Went out by the
metropolitan road and came back into
the highway at Garnet. Ran into a
terrible gust near Garnet and had
the windshield badly sand-blasted;
also the front of car and license plate.
Clearly hopeless to try to find any
specimens, so headed for Bongo going
out by one of the back roads prospects
in the afternoon. Reached the County
line W. of Kane Springs at 10:15. No
(Continued on Feb 18)

Cook worked today.

Went to Escudido, Fallbrook, and Vista today to attend meeting of County Development Federation and visit packing plants. With Wells, Stafford, and Weggemann. A rainy, squally day. 68 miles in daylight; nothing seen. Many Hylas heard.

(May 30th Continued from Feb. 17)
improvement. Temp. 65°. Half moon.
Got 1 *Coleonyx* 1 mi. W. of the county
line. Time 10²⁰. 64°. Wind blowing
strong.

Camped in a niche on the Sentenac
Canyon grade. A cold and windy
camp but got some sleep.

Miles to Indio 179 (86 in county)

Afternoon scouting 53

Indio to SD Co line via Metro road
and Garnet (evening hunt) 122

Co line to camp. 23

Total for the day 377

This was about the worst day I
ever put in collecting having in mind
the distance and character of territory.

Cook worked today.(June 16th Continued)

with scattered rocks. Got a collared lizard and a culley; also 2 chucks alive. Saw utas, whips, and a dip. Overturned many rocks here. This was on the Nevada side.

Island No. 7 This was another large island more rocky than the preceding. About 40 ft high and several acres in extent. Got a small chuck; saw 2 dyes. This was quite near the Arizona shore. A disappointing island.

Island No. 8 A small flat island only a few feet high and maybe 50 square yards. Sandy and crumbling; badly. There were no large rocks and only 1 or 2 bushes left. Got several whips (1 alive) 1 Uta and a Uta graciosa. This was on the Arizona side.

Island No. 9. A rocky island, this time on the Nevada shore. About 40 ft high and 200 ft. around. Not a thing was seen. The rocky islands seem to be N.g. It was now 10⁵⁵ and quite warm. The engine was working badly.

Island No. 10 A very small flat island
(Continued on Feb. 20)

Cook worked today; started to straighten out name changes. Called on Abbott and talked over the proposed "Occasional Papers" series.

Checked Bilderbach's and Miss Carmody's work.

(June 16th - Cont. from Feb. 19)

which would soon have been under water. Only a few square yards. 4 ravens had been just ahead of us and we found the remains of a partly eaten chuck which however was not fresh. There were other lizards in plain sight on the island; don't understand why they weren't eaten. We got a chuck 3 blue collies, and 2 colonyx. The latter were in plain sight; one was shedding and with few marks! Maybe sunburned? This was one of the most interesting islands.

Island No. 11. Another pebbly island. Small rocks. About 100 ft long. Carving fast. Got a live dip and a colley. Not far from the Nevada shore.

Island No. 12 A small sandy conical island. Nothing found

Island No. 13 A tiny sandy island 10 ft. across
(Continued on Feb. 21)

Cook worked today.

Sent the King snake paper to
"Herpetologica"

(June 16 Continued from Feb. 20)

Nothing found.

Island No. 14. This island was several hundred feet long. A sandy island near the Nevada shore. It was too large for concentration. Got a whiptail; saw a uta and a dip.

Island No. 15 A small sandy island in an inlet. about 40 ft long and 6 ft. high. Crumbly sand like ash. Nothing seen.

Island No. 16. Another crumbly ash island with gypsum. About 20 ft. long and 3 ft. high. Nothing seen.

Island No. 17. A rocky island about 90 ft. long by 20 wide and 15 high. The rocks were small. Got 2 dips and a chuck. Both dips run into the water which they don't seem to understand. As soon as they are in they try to get out.

Island No. 18 Another large island close to the Nevada shore. Rocky. 200 ft. long by 50 ft wide and 15 ft. high. Some small rocks
(Continued Feb. 22)

Miscellaneous work this morning. Spent all afternoon and evening on Shorty's party.

(June 16th—Continued from Feb. 21)

some large. Got 1 uta; nothing else seen.

Island No. 19. A very small island 20 ft. long and only 2 foot out of water. A few rocks. This island was quite water soaked and would have been gone within 2 days. There were a few holes. We got 2 utas, a toad, 2 rats (died from the heat later), 1 dip., 1 collared lizard, 1 whp. This was on the Nevada shore. It was one of the most interesting islands we found. The toad, rats, and lizards were hiding in the few available cracks of the rocks.

It was now 1 PM and quite hot. The boatman had wasted a good deal of time locating the last few islands. Some that he had expected to find were already gone.

We were back at the boat-house at 1³⁰.

At 2⁴⁰ we started for Kingman. It was quite hot and no lizards were seen enroute.

(Continued on Feb. 23d)

Recovering from party(June 16th Continued from Feb. 22)

1 mi. W. of Oatman a buzzard was seen eating a chuck.

3 chucks were seen 5 mi. S. of Oatman.

It was very hot through here. We

arrived at Needles at 7 P.M. It had

been 120 and was then about 105. No

makes seen enroute. Lane left the party here.

We left Needles at 7⁵⁵; temp 98°F.

Between here and hullow it was from 80 to 98 depending on altitude. There was little or no wind. Beyond hullow it was cooler 80° to 85°.

1 Adewinder L DOR Troy 10⁴⁰ P.M. 83°F

Saved.

1 Arizona L DOR Bryman 71°F.

Saved head.

Reached Victorville at 12³⁰ 70°F. Put

up at Smith Hotel. Took care of specimens and turned in at 12⁵⁰ 70°.

A very noisy room.

Total miles today 348.

Cook worked today; he did not work on the 15th.

(Continued on Feb. 24)

MONDAY, FEBRUARY 24, 1936

55th
Day

St. Matthias

311 Days
to come

Cook worked today

(June 16th continued from Feb 23^d)
Water stage at Mead Lake as
secured from Bureau of Reclamation

June 1	984.15	1.75
2	985.90	1.70
3	987.60	1.80
4	989.40	1.70
5	991.10	2.05
6	993.15	1.55
7	994.70	1.60
8	996.30	1.30
9	997.60	1.10
10	998.70	1.20
11	999.90	.90
12	1000.80	1.00
13	1004.80	1.20
14	1003.00	1.10
15	1004.10	.90
16	1005.00	
		13.00

TUESDAY, FEBRUARY 25, 1936

56th
Day

Shrove Tuesday—Mardi Gras (Ala., Fla., La.)

310 Days
to come

Cook worked today. Recd
a sidewinder from Miss Terry

WEDNESDAY, FEBRUARY 26, 1936

57th
Day

Ash Wednesday—Lent Begins

309 Days
to come

Cook worked today. Finished
relabeling nuntius.

THURSDAY, FEBRUARY 27, 1936

58th
Day

308 Days
to come

Cook worked today.

FRIDAY, FEBRUARY 28, 1936

59th
Day

307 Days
to come

Cook worked today
haid out more work for Bilderbach.
Called on abbott.

SATURDAY, FEBRUARY 29, 1936

60th
Day

306 Days
to come

Started today to gather material on Arizona. Made out scale count sheets segregated by geographical areas. Compared desert and coastal specimens. Best difference seems to be black in ventrals or lower scale rows.

SUNDAY, MARCH 1, 1936

61st
Day

1st Sunday in Lent

305 Days
to come

Worked all day on Arizona and made
good progress. Practically finished
list of localities and synonymy.

MONDAY, MARCH 2, 1936

62nd
Day

Texas Independence Day

304 Days
to come

Cook worked today
Recd a small preserved gopher
from Cota taken 6 mi SW of
Mesa Grande on the Black Canyon
road

TUESDAY, MARCH 3, 1936

63rd
Day

303 Days
to come

Cook worked today on Arizona.
Worked tonight on nomenclature

WEDNESDAY, MARCH 4, 1936

64th
Day

Ember Day

302 Days
to come

Cook worked today

Recd from Ted Myers a medium
garter from Warner's Ranch.

Heard from Bob McLean that
the bee inspector at the Santa
Margarita Ranch had already
collected a lot of large rollers.

THURSDAY, MARCH 5, 1936

65th
Day

301 Days
to come

Cook worked today
A little work on Arizona tonight.

FRIDAY, MARCH 6, 1936

66th
Day

Ember Day

300 Days
to come

Cook worked today
Went to Adams' tonight. Hylas were
singing at Spring Valley and
hemlock grove.

Checked up Biederbach's work
at noon.

Called on Abbott and showed him
proposed heading for "Occasional
Papers". Also he returned to me the
Introduction and Sex Ratio sections
and said to go ahead with them.

SATURDAY, MARCH 7, 1936

67th
Day

Ember Day

299 Days
to come

Worked almost all day on Arizona. Too tired from last night to work very effectively but got all available data properly arranged. Now in good shape to accumulate material secured in the field or from additional preserved specimens.

SUNDAY, MARCH 8, 1936

68th
Day

2nd Sunday in Lent

298 Days
to come

Worked all day and evening
on the table to accompany the key
and practically completed it.

MONDAY, MARCH 9, 1936

69th
Day

297 Days
to come

Started for Los Angeles this morning at 7⁰⁰. A cool foggy day. Nothing seen. 53 miles in the country. Arrived at 9⁴⁵. Saw Coules and Bogert for an hour in the afternoon and borrowed the UCLA Arizona. Returned to SD in the evening.

TUESDAY, MARCH 10, 1936

70th
Day

296 Days
to come

Cook worked today. Brought back all the Carmody material from the Nat. Hist. Soc. as there seems to be no more work for her at this time.

WEDNESDAY, MARCH 11, 1936

71st
Day

295 Days
to come

Cook worked today checking
boa spurs for Blanchard.

THURSDAY, MARCH 12, 1936

72nd
Day

294 Days
to come

Cook worked today. Got the home made paper back ready to send to Copeia.

Talked to the shops, stores, and transportation group tonight got a large 25 year birthday cake.

FRIDAY, MARCH 13, 1936

73rd
Day

293 Days
to come

Cook worked today. Conferred
with Abbott and Bilderbach. Went
to lecture on Japan and Manchuria
tonight.

SATURDAY, MARCH 14, 1936

74th
Day

292 Days
to come

Worked almost all day on the key —
various details of tables, photographs,
and cuts. First actual preparation
for publication.
Movie tonight.

SUNDAY, MARCH 15, 1936

75th
Day

3rd Sunday in Lent

291 Days
to come

Thoroughly checked the ~~g~~ Key again
this morning.

Checked over Museum collections
to get more material for streckeri,
edwardsi, miliarius miliaris,
and atricaudatus.

MONDAY, MARCH 16, 1936

76th
Day

290 Days
to come

Today Cota brought me a ring neck from Boulder Creek. Had an unusually bright collar. Sent it to Gloyd. Cota had found it swimming in the creek.

Went to the Reptile Club meeting tonight. Cook talked on his carnial experience.

Bob Hoard reported 2 Ruler DOR 1 at Palm Canyon (Borego); the other at Yagui Well. 2 weeks ago he saw 2 gophers on Mt. Soledad. 1 was eating a mouse. He stated Dyer eat Calif. poppy leaves and ants.

Cy Perkins on the 7th tried Borego - Dry lake road. Nothing but a few lizards out. Caught one garter at Renteria and lost 3. Plenty frogs.

Regney saw a long nose at Drylake DOR on the 8th. Also lost a large Hutch. at Palm Canyon and a red racer.

At least one party of boys was out each week end on the desert at night for the past 3 week ends and they got no snakes although day temps. went to 90°. Evidently the temperature of the ground is controlling.
Cook worked today

TUESDAY, MARCH 17, 1936

77th
Day

St. Patrick's Day

289 Days
to come

Went to the County Federation and
the Flower Show at Encinitas this
evening
Cook worked today.

WEDNESDAY, MARCH 18, 1936

78th
Day

288 Days
to come

Cook worked today.

Went to La Mesa Rotary Club today. Chairman. 20 miles. Nothing seen.

Women's committee tonight.

Cowles, Little, and Bogert out last week end. Got 3 live snakes and one dead one. Only got one snake at night an Arizona at Indian Wells. Got a Trimorphodon by prying off rocks 5.5 miles. Sage 33 in. Anal entire.

THURSDAY, MARCH 19, 1936

79th
Day

287 Days
to come

Cook worked today. Some
work tonight.

FRIDAY, MARCH 20, 1936

80th
Day

First Day of Spring

286 Days
to come

Cook worked today
The Mexican Rattles belonging
to the University of Michigan
arrived.

~~Sent~~ the horned toad paper
to Copeia

Hear many tales of snakes
being seen here and there.

Philip arrived in the morning
for the spring vacation.

Talked publications with
Abbott at noon

Went to a movie in the
evening.

SATURDAY, MARCH 21, 1936

81st
Day

285 Days
to come

Miscellaneous clean-up work in the morning. Then worked all day on an overhaul of the Birth Rate section of the rattle paper and made good headway. Also studied desirability of making a single section of Birth Rate - Growth - Length parts. Expect to finish each and then see how they combine.

Went to dinner at Park and "A Winter's Tale"

SUNDAY, MARCH 22, 1936

82nd
Day

4th Sunday in Lent (Mid-Lent)

284 Days
to come

Spent the entire day on the birth rate section and completed the revision.

Phil and I had intended going to the Metropolitan Water District and Parker Dam but the weather has been so bad for 3 days that we decided to postpone it until the end of the week.

MONDAY, MARCH 23, 1936

83rd
Day

283 Days
to come

Elaphe caeta (thought by Wallace
F. Wood to be Arizona elegans) from
mouth of Sand Wash along Green River,
15 mi. S.W. of June 3, 1933.
No. 33-188

♀ 27-219 D 65 Suprae 8-8 Infrae 12-12 Nasals 2-2
Internals 1-1 Oculars 1-1, 2-2 Temporals 3+4, 3+4
Spots 51-18 L 960-162c
Found crawling about on the dry leaves
beneath the cottonwoods in the late
afternoon.

Cook worked today.

Occ. Pap. No. 1 now copied and
ready to publish if only had
Gloyd's new Lepidus subspecies
published.

TUESDAY, MARCH 24, 1936

84th
Day

282 Days
to come

Cook worked today.

Conferred with Bildelbach on progress and got a number of drawings from him.

Visited the new reptile house at the Zoo and discussed the situation with Mrs. Benchley.

A gale blowing today with some rain.

WEDNESDAY, MARCH 25, 1936

85th
Day

Annunciation—Maryland Day

281 Days
to come

Cook worked today/
Abbott agreed to publish the
Mitch paper in the Transactions
Series.

(March 28th Continued)

Saw a uta at Shaver Summit where
the Mecca road branches.

Stopped and counted cars at this point
343 - 406

West Bd

East Bd

Mecca Indio

Mecca Indio

1 Cal 6 Cal 4 Fr

3 Cal
(2 Sp. Trucks)

11 Cal 2 Fr.

Reached Indio at 5 P.M. Warm and windy.
Got an auto camp room had dinner. Then
took a run out on the metropolitan road
to Garnet, then Palm Springs and ~~to~~ back
to Indio. A fine road (that is the Metro)
but it was cold and windy and except
for one half frozen cally picked up
on the road opposite 1000 Palms (he was
alive and OK) not a thing was seen.
Drove 64 miles on this evening run.
Very disappointing. Ought to be good in
warm weather. Total miles for today 524
Turned in at 10 o'clock. A noisy cabin.
Part moon tonight.

Cook worked today.
Talked with Brucker about
the key.
Tonight packed for trip to
Parker Dam tomorrow.

(March 27 Cont)

and out on the mesa. But although
the evening was warm nothing was
seen. It is good looking country.
Evidently the ground is still too cold.
B. cognatus was heard at the
river bend above Earp. Miles in this
evening run 54. Total miles for the
day 371. Turned in at 9 at
Headquarters guest House.

The road from Desert Center to Rice
looks as if it would be fine for
night hunting; the new highway
between Indio and Shaver Summit
not so good as it is graded too well
with cuts and fills.

Stopped at Frieda Pyphon and
a section of open canal north of Vidal
to see construction methods. Very
interesting.

FRIDAY, MARCH 27, 1936

87th
Day

279 Days
to come

Cook worked today

Started for Parker Dam today with Philip at 9¹⁵. Clear and warm but after several days of cold and wet weather. A few lizards were out. Saw skellies, utas, and gerrhonotus at Bonsall.

1 Red Rattles L DOR Bonsall Creek
66 miles in country. Nothing else seen.

1 Snake seen on the road but escaped at Gilman Hot Springs. Probably M. lateralis.

Saw a sparrow hawk carrying a lizard. Probably a skelly. Could see it very clearly.

Caught a young gopher crossing the road a Moreno grade. Call it Eden Hot Springs.

Stopped at Banning and talked to Stephens the office engineer about things to see in the aqueduct.

Quite warm at Indio.

Rip and leopard lizards DOR at 16 mi. NE of Desert Center = Cox comb Well. Now getting cool. No lizards to be seen.

Reached headquarters Div. 1 near Parker Dam at 6⁵⁰; total miles to here 317. In the evening drove back down the road past Earp.

(Continued on March 26th)

The morning was clear and warm. We were up at 5⁵⁰ and had breakfast at the mess house at 6³⁰. A fine clean camp.

Called on Mr. Booth the Div. Engr. of Div. 1. He was very cordial. Then went to the headquarters of the Six Companies below the dam. Got a pass and went into one of the tunnels to the working face about 1700 ft. in. The time-keeper was our guide.

Left the dam about 9¹⁰. Hunted at various points along the river bank between the Dam and Camp. Took about an hour for this. Utas were common on the rocks at some points. The best place was 3 mi. N. of Camp. Other lizards were scarce. Got one whiptail.

Hunted in a fine wash west of Camp but nothing was seen. Evidently it is too early for most of the desert lizards. Air was quite warm; but the ground is cold.

Hunted 1 mi. E. of Rice in broken lava. There were quite a few lizards out here; E was moderately warm. This was at noon. Lunched at Rice and left at 1³⁰. Nothing seen on the long afternoon drive. Very disappointing.
(Continued on March 25th)

SUNDAY, MARCH 29, 1936

89th
Day

5th Sunday in Lent (Passion Sunday)

277 Days
to come

Left Indio this morning and drove to Pasadena. Started at 9²⁰ and arrived at 12¹⁰ at Colorado and Orange Grove. Blowing a gale in San Geronimo Pass. Increasingly cold and cloudy as we approached the coast. Left Philip with his car and drove home alone. Arrived at 3³⁰. Miles today 549. Miles in the country 54. Total miles for the trip 844. Nothing seen.

Mrs. Benchley called and gave me the following list brought in by Capt. Hancock.

1 large rattler	from Tortuga Island
1 small "	" " Pond Island (Ruben)
5 lizards	San Pedro Nolasco Isl.
15 Chuckawallas	Pond Island
20 "	San Esteban
1 lizard	" "

Went over to the Zoo and got the rattlers. Much enthused to get at last a tortugensis to photograph and a ruben the first to be collected on Pond Island.

Bloomfield reported (April 20th) having caught a lateralis and a boa at Dulzura on this day.

MONDAY, MARCH 30, 1936

90th
Day

276 Days
to come

Recd today from Gloyd his ms.
of the Klauber papers.

Worked on this tonight; also
went over the mitch paper again.

May 4th Continued

- 1 Small Boa DOR Mt Spr. grade not far
from Myers Creek Bridge. Rocks and light brush.
Strong color contrast between red and light
gray but the stripes very uneven. Might
be considered a gracia intergrade.
 - 1 Sidewinder S. DOR Ocotillo light brush.
 - 1 Platyrhinos DOR Ocotillo (sawd)
 - 1 Gopher L DOR Seelye. Orchards. Had eaten
2 birds.
 - 1 Red Racer L DOR Date City Fields (Yellowish)
 - 1 Flat-tail DOR 3 mi. W. y Calexico junction.
 - 1 Small Atrox still squirming just before crossing
the Yuma bridge (call it Winterhaven - sawd)
- It was now quite dark. Got gas at Winterhaven.
Had no trouble crossing the line with all
our baggage.

- 1 Marciana near Somerton DOR sawd,
- 1 Sidewinder L caught on the beam just
north of San Luis.

Woodhousie were heard calling at Yuma,
Somerton, Gadsden, San Luis and many
points between. There were many
(Continued on April 5th)

Worked on the mitch paper in odd times, going over it thoroughly once more

(April 20th Continued)

red rattles asleep. Knew it was asleep as was in its resting coil and didn't move when a loud noise was made by dropping a can, and by movement in front of it. But it made a big fight when caught.

Bloomfield reported the following:
April 9th

Longnose at the Narrows.

3 Leafnoses " " "

1 Arizona 3 mi. beyond the narrows.

1 Sidewinder, Dry lake

plenty of coleonyx (about 10)

April 10

Longnose at Sentenac

Shovel nose bet. Dry lake + Narrows

Red Racer at La Puerta

" " at Box Canyon

Hoar reported

Garter today (April 20) at Dora Falls
Boyles King at State College.

WEDNESDAY, APRIL 1, 1936

92nd
Day

274 Days
to come

Gave the match paper to Dove & Robinson. Went over the sketches with Bilderbach.

Cook worked today
Photographed tortuglensis and
the little reeler from Pond Island.

(April 14th - Continued from April 3^d)

Hunted in rocks for a short time 6 mi. W of Darwin. High and cool. Uta's and magister seen. There are a few scattered tree yuccas but I failed to find X.h. Uta's at 8½ mi. W. of Darwin. Caught a horned toad at the north end of the Coconino Mts. Hunted in the sand hills bordering Owen's Lake 8 mi. NE of Olancha. Saw sidewinder tracks and other snake tracks but got nothing.

Reached Olancha at 3:35; it was warm but not uncomfortable.

Got a couple of Uta's 7 mi S. of Olancha. They are very plentiful here. Magister also seen. At Cowan Station there was a large gopher DOR but too far gone to save. Uta's and magister were seen here. Got Uta's and saw a chuck 2 mi. N of Little Lake. The country between Olancha and Cowan
(Continued on April 2)

THURSDAY, APRIL 2, 1936

93rd
Day

273 Days
to come

Cook worked today.

(April 14th Continued from April 1)

is first class; fine big boulders with plenty of lizards. South of here there is black lava especially around little lake. From here south rocks and vegetation thin out and the country does not look as good except in Red Rock Canyon.

Got a platyrhina 2 mi. S. of little lake.

1 Gopher L DOR saved 5 mi. NE of Mojave
(= Trescove)

Had supper at Mojave and started east on an evening drive toward Kramer at 7³⁰. A cold wind was blowing.

1 Small scute still squirming 1 mi. E. of Mojave. Contained a mouse.

1 Long nose DOR 15 mi. E. of Mojave

1 Arizona Crossing the road at 8³⁰ PM. Cool not cold 5 mi. W. of Amargo

1 Small sidewinder found in the road alive 3 mi. W. of Amargo at 8⁴⁰ P.M.

1 Scute med found alive on the berm at 8⁵⁵ 3 mi. W. of Kramer, S.B.Co.

1 Horned toad 3 mi. S. of Kramer Hills.

1 Gopher snake DOR 15 mi. N. of Adelanto

1 Sidewinder DOR (saved) 8 mi. N. of Adelanto

1 Scute DOR M 7 mi. N. of Adelanto (saved head)

(Continued on April 4)

Cook worked today.

Talked prices of the Key with
Brucker and Abbott.

(April 14th - Continued)

Horned toads (*platyrhinos*) were caught
6, 5 and 2 mi. north of the pass. Collared
lizards were extremely plentiful from 6 to 4
miles north of the pass; and S. mayata
in black rocks 2 mi. North.

2 mi. SW of Towne's Pass on the way down
the west slope of the Panamint found
a Salvadora DOR in the road but in fine
condition. Collared lizards were very
plentiful at this point. Got a chuckawalla
5 mi. SW of the Pass and others were
seen here also. *Uta* and collared lizards.
Between here and the branch road to
Wild Rose and Ballarat (8 mi. S.W. of the
pass) collared lizards, dybs, callys, and
utas were quite common. A cally
was noted at this road fork. Going up
the east slope of the Argus range toward
Darwin the conditions were the same.

Chucks 9 and 7 mi. NE of Darwin

Collareds 2 and 7 " " " "

Callys 7 " " " "

Uta 2 " " " "

(Continued on April 15th)

SATURDAY, APRIL 4, 1936

95th
Day

271 Days
to come

Worked all day on the Key. Still finding errors and possibilities of improvements in plenty. Gave it a careful overhauling.

This afternoon got the reptiles Huey had collected at Valle Trinidad - a good looking lot. Went to Expo tonight.

A cold windy and rainy day.

(April 14th continued from April 2)
1 Sidewinder, med DOR 6 mi. N. of Adelanto (saved).
From Kramer on it was getting so late and we were so tired that it was necessary to drive fast and some snakes may have been missed. Arrived at San Bernardino at 11¹⁵. Quite cold.

Miles today 362. Prepared specimens until 11⁴⁵ and then turned in. Mission Auto Count; very good.

Today was a good example of putting off collecting as in the Paraments and Argus Mts until it is suddenly too late. I collected no collared

lizards or magisters although they were extremely common. Of course for this kind of collecting one person should drive and another shoot out of the car.

SUNDAY, APRIL 5, 1936

96th
Day

6th Sunday in Lent (Palm Sunday)

270 Days
to come

Worked all day on miscellaneous items but particularly on the key. Made material progress on this.

(April 13th Continued from April 6)
and it was at these points that the sidewinders were caught. It was quite warm here and the sidewinders were peppy.

Miles today 233 including the 28 mile evening side trip.

(May 4 continued from March 30)
hopping on the road and some run over. Snakes couldn't have been out much & there would have been more run over.

Miles to Yuma 176, evening drive 50,
total for the day 226. Miles in the country 84.

MONDAY, APRIL 6, 1936

97th
Day

Monday in Holy Week
Army Day

269 Days
to come

Cook worked today.

Returned Mitch paper to printer.

Accounts tonight

(April 13th Continued)

and 14 back arriving at 10 P.M. Drove almost to Towne's Pass but didn't know this until next day.

1 Cally DOR. 5 mi. SW of Storepipe
Wells Hotel

1 Spotted night Shale. Crossing the road at 9 P.M. 5 mi. N. of Towne's Pass.

As this is high it was quite cold.

This evening drive was disappointing, as it was a fine road and I drove slowly and carefully so as not to miss anything. It got increasingly cooler up the mountain.

The best looking part of the day's drive is from Las Vegas to Rose's Well. Parts of this were fine, especially from Las Vegas to Indian Spring. This is the best place in the vicinity of Las Vegas for night driving. From Rose's Well to Death Valley Junction is too deserty and from here to Furnace Creek looks OK but too recently oiled. The floor of the valley is mostly barren except in the vicinity of sand hills
(April 13 continued on April 5)

TUESDAY, APRIL 7, 1936

98th
Day

Tuesday in Holy Week

268 Days
to come

Today discovered for the first time
the small posterior supralabials
in mitchellii and some related
forms.

Cook worked today

A warm dry day

(April 12 Cont. from April 9)

But getting 4 Phyllorhynchus within
a mile or so is excellent, I should
have spent more time here but it
was on the way back and it was
getting late. I had started from
Boulder City at 7 P.M. and from Las
Vegas at 7:45

1 Crates DOR Still Squirming 6 mi
S.W. of Las Vegas in USA

1 Phyllorhynchus DOR 14 mi. S.E. of Las Vegas

1 " " 15 " " " "

2 " Always 15 " " " "

The little leaf noses were mighty hard
to see. They must be very thick in
this vicinity. The weather was warm
and breezy. Got back to Boulder City at 10:15

Mileage record

Needles to Boulder City

151

Evening snake hunt

91

Total today

242

WEDNESDAY, APRIL 8, 1936

99th
Day

Wednesday in Holy Week

267 Days
to come

Cook worked today.

Today went out to Warner's Ranch with Beckham, Fowler, and Holloway. Started at 9³⁰; returned at 4³⁰. Went out via Lemon Grove, Grossmont, El Cajon, Lakeside, Ramona, San Ysabel, Warner's; home by way Cucamonga, Rincin, Valley Center, Esccondido and home.

Although it was a fine warm day (the third in succession) virtually nothing was seen. Evidently too early or the recent cold weather has kept the snakes in. Turned over quite a few logs and planks; turned nothing up. Looked in one pile of rocks at Cucamonga but found nothing. Quite a few lizards, utas and skinkes were about.

1 *Geophis* L. DOR at Grossmont

1 small snake probably a gopher on the road at Chesterton but escaped before could be picked up.

THURSDAY, APRIL 9, 1936

100th
Day

Maundy Thursday

266 Days
to come

Cook worked today.

Worked on the glossary of the Key tonight.

Abbott told Dove and Robinson to proceed with the hitch paper today.

(April 12 Continued)

miles are rough desert road - the balance to Boulder City a fine graded highway but still unsurfaced.

Got a Calley at Chloride.

Red racer S.D.O.R. 2 mi. S. of Chloride

Magister noted 43 mi. N. of Chloride.

Salvadora DOR 48 mi. N. of Chloride. Hunted in tree yuccas 5 mi. S. of here and in lava 5 mi. N. but got nothing.

1 Red Racer DOR 12 mi. S. of Boulder Dam.

This new govt road section will be fine for DOR: when it has been surfaced for there are a few even with the present light travel.

In the evening drove over to Las Vegas from Boulder City and then down on US 91. The weather again was perfect, but the results very fair. Included in the trip were 10 miles (5 each way) of detours near Erie which proves that the shortage was not due to banking of the highway or to the snakes having been killed off.

(Continued on April 11)

FRIDAY, APRIL 10, 1936

101st
Day

Good Friday

255 Days
to come

Recd today from Guy Fleming
a rattlesnake from Mono Rock.

Cook worked today
Dove and Robinson started set-up
of the Witch paper
Spent the evening preparing for
the Boulder Dam trip tomorrow

(April 10 Continued)

to see anything. But don't think any
specimens were missed. Then went
back to Needles and up US 66 and the
old Fenner road to Searchlight junction.
near Bannock. There was very little
travel here. Got one sidewinder DOR
but fresh at Kleinfeldt. Then home to
Needles again. A little breezy now
but still fine. A very disappointing
evening considering the excellent
conditions and the poor results.

Mileage record

San Diego to Needles 348

(66 in S.D. County)

Evening drive

Total today

66

414

66 miles for 1 dead snake!

SATURDAY, APRIL 11, 1936

102nd
Day

Easter Even

264 Days
to come

Today at 9¹⁵ started for Boulder Dam and Death Valley with GJ and ARK. It was clear and warm.

1 *R. lecontei* L DOR Vista light brush.

1 *P. c. annectens* M " Vista Grass-orchard

1 Horned toad crossing the road at Vista.

1 *M. lateralis* L DOR Bonsell Creek. light brush.

This snake contained mammal hair.

Clear and quite hot at Colton at 12³⁰

Whiptail observed at Hector, San Bernardino Co.

Not many lizards were seen in the desert. It was quite hot. Stopped 1 mi E. of ~~Needles~~ ^{Bagdad} (at 4 PM)

Hot. Saw a whiptail; got a calley. This certainly doesn't look like Hollbrookia country. Next stopped at the lava flow 4 mi. E. of Bagdad. Some sand here. Saw one calley but lost him. There seemed to be a small snake track in the sand - maybe a Sonora. Also there was one clear sidewinder track. Reached Needles at 6³⁰

Started out on an evening trip at 6⁵⁰.

Dark, warm, no moon, little or no wind.

A perfect evening in every way but results.

First went down to Topock driving slowly. Then came back and went down the Parker road for 3 miles to see if travel made any difference. This was unpaired and consequently hard.
(Continued on April 10)

SUNDAY, APRIL 12, 1936

103rd
Day

Easter Day

263 Days
to come

Clear and warm. Was 100 yesterday.
Started out this morning at 8³⁵.

Noted Uta stans at Needles.

1 R. lecontei DOR at Topock (Arizona)
fine condition.

1 P. d. perkinsi DOR 4 mi. S. of Needles.

got 2 Utas and a whiptail 11 mi. N. of Topock;
also saw a dipsosaurus here. lizards
were not particularly plentiful.

Noted the following:

Dipsosaurus 6 mi. S. of Oatman

C. c. baileyi 4 " " " "

Chuckawalla 4 " " " "

" 3 " NE " "

Utas 10, 9, 8, 7, 5, 4, 6 mi. S. of Oatman.

Saw whiptail and 2 chucks 5 mi. E. of
Oatman. = 2 mi. E. of Goldroads.

Chuckawallas did not seem to be as plentiful
here as on previous trips.

Shot a small red racer which was seen
crossing the road at the east foot of the
Goldroads grade 4 mi. E. of Goldroads.

Found a Xantusia vigilis under a Yucca
6 mi. E. of Goldroads.

Arrived at Kingman at 11⁰⁰. Quite warm.
hunched here.

Started north from Kingman. The first 40
(Continued on April 9)

MONDAY, APRIL 13, 1936

104th
Day

Monday in Easter Week
Thomas Jefferson—Born 1743

262 Days
to come

This morning at 8⁴⁵ went to the dam to go through the power plant. With Dolson, Moore, Northmore, and Watts besides my own crowd. Left the power plant at 12 and went down Las Vegas Wash to the present boat landing where we took a speed boat to the dam. Then back to Boulder City for lunch.

Left Boulder City at 2⁵⁵ P.M. and left Las Vegas at 3¹⁵. Quite hot.

1 Sidewinder L DOR 16 mi. N.W of Las Vegas
1 " " " 22 " " " " "

(Road to Indian Spring)

1 Salvadora S. DOR Las Vegas Valley
19 mi. SE of Indian Spring (saw head)

1 Salvadora crossing the road 13 mi W
of Indian Spring. Desert association.
Cloudy but warm

1 Gopher S. DOR Specter mts, 23 mi. W. of
Indian Spring.

1 Sidewinder caught on the road 6 mi. NW
of Furnace Creek 7¹⁵ Warm

1 Sidewinder caught on the road 6 mi.

E. of Stovepipe Wells Hotel 7⁴⁵ PM Warm
after arriving at Stovepipe Wells Hotel at
8 o'clock I started up the road over
the Panamints alone and drove 14 miles
(Continued on April 6th)

TUESDAY, APRIL 14, 1936

105th
Day

Tuesday in Easter Week
Lincoln Assassinated 1865

261 Days
to come

This morning we started out for a sightseeing ride at 7⁴⁵. It was already quite hot. First looked for sidewinders in the sand dunes 1 mi. E. of Storpige Wells Hotel. Found many tracks some of them perfect and showing every scale but couldn't locate the snakes. There were also other tracks like snake tracks with foot prints on each side, which I assume were dips tracks.

In the daytime much of the floor of Death Valley is seen to be too barren for any reptiles. We visited Bad Water, El. - 280, Golden Canyon, and the Natural Bridge.

Calley noted 3 mi. E. of Storpige Wells. At 11³⁵ we returned to Storpige Wells and then started westward over the old toll road.

Uta stans noted 6 mi. N of Towne's and from here to the top they were very plentiful. It was interesting to note the stratification of the lizards on these mountains - callis and dips low down, then *C. C. baileyi* and last toward the top *S. moegister*, and always *utas* everywhere.

(Continued on April 3d)

WEDNESDAY, APRIL 15, 1936

106th
Day

260 Days
to come

Started home from San Bernardino
at 9⁵⁵ went via Riverside, Corona,
Santa Ana Canyon, Orange,
Capistrano and the coast.

1 Gopher L DOR Santa Ana Canyon grass-trees

1 " " " " " " " " "

1 " S " " " " " " "

1 " L DOR Galvan Grass

1 " M Caught on San Clemente Grass

1 " M DOR Grass San Onofre

1 " M " 7 Points Grass.

Arrived home at 1³⁰.

Miles in Country 56

Miles today 143

Grand total miles for the trip 1394

This was a cool day. Cook did not
work.

THURSDAY, APRIL 16, 1936

107th
Day

259 Days
to come

Cook worked today.

Spent the day catching up.

Rotary dinner at Expo tonight.

Mrs. Gaige writes that the horned
toad paper may appear in Cosper
after next.

April 19th Continued

Started for home at about 2 P.M. Quite
hot in the Valley; cool and clear in the
mountains.

- 1 Hexalepis S. DOR 3 mi. E. of El Centro Fields
- 1 Lateralis L DOR Boulevard Brush
- 1 Med. gopher DOR La Posta grass

Contained 2 mice & gophers. Saved head

- 1 Lateralis L DOR Buckman's Brush.
- 1 Gopher M DOR Viejas Brush.

Reached home at 6³⁰ clear and cool.

Miles in country 81; miles today 257
Total miles for the trip 507.

FRIDAY, APRIL 17, 1936

108th
Day

258 Days
to come

Cook worked today.
Checked up with Baderback

The following are Gander's records
which have not been added to NH
collection.

Gopher snake April 3d Cholla Valley Mrs. Marie Wood

Boyles King Apr. 9 ESD F.F.G.

~~Gopher Apr. 10 Kearney Mesa F.F.G.~~

(April 18th Continued)

Hitherto thought a possible difference between the
desert and irrigated district type - maybe between
deserticola and rutilus. Therefore it is proven that the
two are either the same or entirely different species;
they cannot be subspecies.

1 Gopher S. DOR Gadsden

1 Gopher L DOR 4 mi. S. of Gadsden

1 long nose caught crossing the road at 7³⁵ 1 mi
N. of the line at San Luis. A fine large specimen
with plenty of red and black in the pattern like
a coastal specimen.

1 med. sidewinder caught on the road $\frac{1}{2}$ mi. N. of San Luis.
7⁴⁰; also 1 coleonyx at the same place at 7⁴⁵

1 med. sidewinder caught on the road 5 mi. NE. of
Pamerton at 8⁴⁰. Woodhousii heard hereabouts.

Returned to Peach Auto Camp at 10⁰⁵. Red racer L DOR 3 mi. S.
of Yuma. Miles in country 81; to Yuma 180; evening
drive 70; total today 250. A fair evening.

SATURDAY, APRIL 18, 1936

109th
Day

257 Days
to come

Spent the morning checking the Sistrurus and horridus specimens which have been borrowed and also getting ready for a trip to Yuma.

Started at 12³⁷ for Yuma with Peckham, Weiss, and Phythian. A cloudy cool day in town; hot in the valley, with a hard sand storm. A large movie outfit camped in the sand hills filming the Garden of Allah. Much scenery and props being blown hither and yon.

1 Gopher L DOR Lemon Grove Grass-Orchard.

1 Gopher M DOR The Willows light brush

Hunted for a few moments at the foot of the Mt. Spring's grade but didn't get anything; a few lizards seen.

1 Gopher L 2 mi. E. of Holtville Fields saved head.

Arrived at Yuma about 5 PM. Started on an evening drive toward Romerton and San Luis at 6¹⁵; now sundown, warm slight wind, no moon tonight.

1 Gopher caught on the road 7 mi. N. of Romerton ^{April 22}
6³⁰ not yet dark. (For scale counts see)

1 Gopher caught on the road. 5 mi. N. of Romerton
6⁴⁵ almost dark. (For scale counts see April 22)

Note these two taken only 2 miles apart and both in cultivated territory show all the differences
(Continued on April 17)

SUNDAY, APRIL 19, 1936

110th
Day

1st Sunday after Easter (Low Sunday)
Patriot's Day (Mass., Me.)

256 Days
to come

Sorry we did not hunt toads last night. Had all the equipment, but kept passing up places where they were heard.

This morning started out from Yuma at 7³⁰.

1 Gopher S. DOR at Winterhaven Fields.

Stopped for about an hour between 8³⁰ and 9³⁰ on the eastern edge of the Sand Hills 14 mi. W. of Yuma. Noted *Coleonyx* DOR here. Got a number of lizards here. Got 1 large sidewinder by tracking him down. He was stretched out in the shade of a creosote bush. It seemed to me that this track went toward the J and not the T but I cannot be sure as there may have been another track crossing this - they were rather mixed up. Looked hard for more tracks but didn't find any although Phyllis did.

Now went back and met a group of engineers from San Diego and went up to Imperial Dam site via Ross' Corner and Bard. A rough, dusty road as the cars were close together. Also inspected the All-American Canal on the way. Noted whips at Ross' Corner and Winterhaven. It was quite warm. After a sandwich lunch and an ice cream soda at Winterhaven we went south to Center and Algodones inspecting a large drag-line scraper in action on the canal; also Hanton heading.

(Continued on April 16th)

MONDAY, APRIL 20, 1936

111th
Day

255 Days
to come

Cook worked today.

Saw Abbott this noon and got the first galley proof of the match paper from him.

Went to a meeting of the Reptile Club tonight. Very small attendance. They did not make their proposed field trip yesterday. Changed meeting night to Tuesday (3d). Decided to exhibit at the International Snake Show.

Got the following records:

From Gander

Small gopher mesa grande 4-18

" " Montezuma Valley "

" lateralis " " "

None of the above retained in any collection.

From Bob Hoard

Magister 1 1/2 mi. SE of El Mayor, B. I.

Rhinocheilus 1 1/2 mi. S. of Mexicali

Cally 30 mi. N. of San Felipe

Dup 1 1/2 mi. SE of El Mayor.

Gander told of seeing a small brush rabbit run into a bush; it immediately started squealing. Went over and found it had been caught by a gopher snake which was already coiled around it. He also saw a large
(Continued on March 31)

TUESDAY, APRIL 21, 1936

112th
Day

Spanish American War Began 1898

254 Days
to come

Cook worked today.

Locality and collection data from
a letter from Bogert:

- 4-9 Rana pipiens Somerton, Ariz
to P. m'calli at Sand Dunes 13 mi N. of Yuma
4-11 E. croceata 4 mi. E. of Julian
2 Arizona } Bet. ~~Bentley~~ ^{Dry Lake} and the
4 Phyllorhynchus } Harrows.
1 Sidewinder - Dry Lake, from Benson
1 Arizona collected at 12.30 Friday
At 1 at Cokaym.

C. atrox, Indian Wells, Riv. Co
Uta graciosa near Gray's Well
Uma notata " " "

The same nights Cowles
collected the following:

- Bet. Dry Lake and Bentley's Canyon
2 Phyllorhynchus
1 Small Arizona
3 Phyllorhynchus (1 DOR) near Palm
Springs
1 Sidewinder } at Indian
1 Small atrox on the road } Wells

Cook worked to day
C.K. Johnson of Sacramento
called today. Told me of having been
bitten by a Gila Monster - no pain
Some miscellaneous work tonight.
Went over the 2nd galley proof of the
hitch paper.

Scale counts of the two gophers
listed on April 18th.

No.	25414	25415
Sex	♀	♂
Sc	33	31
V	245	240
A	E	E
C	36	62
Sup	8-9	8-8
Inf	14-14	13-13
N	2-2	2-2
hon	1-1	1-1
Ocs	2-2, 5-5	2-2, 3-3
Temps	6+7, 6+6	4+5, 3+7
Spots	50-13	46-13
L	633-74c	569-73c

THURSDAY, APRIL 23, 1936

114th
Day

252 Days
to come

Cook worked today.
Went to Engineers Club to hear talk
on All-American Canal tonight

(April 25th continued from April 24th)

Stopped at Benson's Service station
near Dry Lake and got 4 fine rattlers

1 medium Ruler from Yaqui Pass.

1 sidewinder from near County line.

1 largest mitch from the Narrows.

1 smaller mitch from near the old

Preson Camp Yaqui Well.

Benson said the red and mitches had
been collected about 4 P.M. Said not
many snakes were out yet at night.
He had caught 11 horned toads but they got
away.

Got 4 Uta stans in the road at 9:15 76°
windy. 1 mi. W. of Dry Lake. There was
not much traffic in the road tonight. Snake
hunting was fair at first - then NG
probably due to increasing cold and
wind. At foot of Senterac grade 9:55
moderate wind 71°.

Passed up a car with red light in center
of road.

Home at 12:10. Cold in mountains. Total
miles 216; in Co. in daylight 86.

FRIDAY, APRIL 24, 1936

115th
Day

251 Days
to come

Cook worked today on misc.
clean up.

Checked up with Bildenback.

(April 25th Continued)

7²⁵ Got a large Amora with plenty
of red, on the road. Very active.
80°. Some breeze. A faint glow still
in the west. 1 mi. E. of Dry Lake.

Quarter moon now showing.

7³⁵ Caught a fine large sidewinder
on the berm. Totally dark. Wind
strong. 78°. Dry lake

Lost a Coleonyx 5 mi. W. of Dry Lake
Wind blowing hard; getting colder.

8⁰⁰ 76°

at 8⁰⁵ caught a long nose, large
which was crossing the road fast.
This was 6 mi. W. of Dry Lake. Hard
wind blowing. Temp. 73°.

Turned east again at the end
of the old pavement near the Narrows.

At 8⁴⁵ picked up a recently
run over Sidewinder, 2 mi E of
Dry Lake. Still squirming. Windy.

Turned back again at the
County line at 8⁴⁵

(Continued on April 23rd)

SATURDAY, APRIL 25, 1936

116th
Day

St. Mark

250 Days
to come

Worked all morning and early afternoon on miscellaneous catching up. Things are in fair condition.

At 4 P.M. started for the Narrows with Shorty. It was cool and overcast; quite cold in the mountains, warmer in the desert. The lack of snakes on the road indicated that the season is distinctly backward.

1 lateralis L. DO R Fernbrook. Brush-creek. Reached the Narrows at 6²⁰ - cool and breezy. 85.5 mi. Count this much in County in daylight.

6⁴⁵ a live *Aurora occipitalis* caught on the edge of the road. Quite active. No pink in color. Now dusk but objects clearly visible without lights. 6 mi. E of the Narrows. Temp. 78°. Quite windy. 7⁰⁰ Almost dark. Got a medium *Phyllorhynchus* crossing the road 1 mi. E. of Dry Lake. 79°. Still windy. Reached the County line at 7¹⁰. 96.4 mi. Nearly dark. Windy 79°. Caught a *coleonyx* here.

(Continued on Apr. 24th)

SUNDAY, APRIL 26, 1936

117th
Day

2nd Sunday after Easter
Southern Memorial Day (Ala., Fla., Ga., Miss.)

249 Days
to come

Worked all day on mss. Read
the 2nd galley of match paper for
the 2nd time. Checked the key again.

Cook reported the following
which he collected today.

1 Red Rattlesnake large, San Juan
Hot Springs

1 Boyles King DOB same

✓ Red Rattlesnake Mission Gorge.

Were found mating. The male
much the larger. The female 10/10 mm.

1 Coleonyx Mission Gorge.

1 Long Nose Dobe Falls.

The red rattlesnake

MONDAY, APRIL 27, 1936

118th
Day

U. S. Grant—Born 1822

248 Days
to come

Cook worked today

Recd from Weiss a Pholophilus
skin from Hollywood
Noted a large gopher DOR
on Point Loma.

Recd the following records from Gander

April 21 Tapatul & Lateralis DOR

" Harlessin Canyon Gopher "

April 23 Otay Mt Garter Caught

April 26 Mission Gorge Gopher "

Key Richard Heil.

Localities from Bogert 4-28-36

C. ruber 1 mi. N. Inlet. of Palms to Pines with Valley Hwy

" Palm Springs (200 yds W. of El Mirador)

Eumeces Riskinwood (large unicolor)

X. iridis } 2 mi. E. of Pinon Flats

X. henshawi }

Hypsiglena ochrobrynchus } 2 mi. E. of Pinon Flats

Salvadora intergrade

Arizona DOR Indian Wells

" " 10 mi. N. of Palm Springs

Cerastes alive Indian Wells.

TUESDAY, APRIL 28, 1936

119th
Day

247 Days
to come

Cook worked today.

Read the 3^d galley in the mitch
paper.

Tonight worked on the captions for
the figures in the Key.

Cook reported a long nose at
Doke falls (caught) and a
striped racer lost.

WEDNESDAY, APRIL 29, 1936

120th
Day

Solemnity of St. Joseph

246 Days
to come

Cook worked today.

Recd a large gopher from

Al May caught at La Jolla.

(May ~~2nd~~ continued from April 30th)

A sidewinder quit on the berm. L.

1 mi. W. of the Narrows. 940 P.M. 84°.

Some breeze. Moon overcast. From here on we traveled rather fast and may have missed a specimen or two.

It was a good evening with 10 live snakes (1 in daylight).

Reached home at 1212. Cool and part cloudy. Total miles, 224 g which 100 are to be considered daylight traveling.

The red rattler had interesting rattles. A rattle about 1020 mm long 12 rattles all parallel. Proximal 13.4 - distal 13.3 mm.

Read the following localities on mitchellii from Artran.

Santiago Canyon, Santa Ana Mts.

Junction de Luz and Santa

all mapped Margarita river, 5 mi. W. of Fallbrook

West side Rainbow Valley $\frac{1}{2}$ way
bet Temecula and Fallbrook.

(May 2nd continued from May 1)

road at 8³⁰ 85°. Some wind. 2 mi. E
of the Narrows. Also coleonyx here. From
now on several coleonyxs were seen.
Several got away — some we did not
stop for.

1 large Arizona quail on the berm at
8³⁵ little wind 87°. 3 mi. W. of Dry
Lake.

Benson told us he had caught a
flat-tailed horned toad at 8 P.M. — the first
he had seen out at night.

A leaf-nose small caught on the road
at Dry Lake 87°, 8⁵⁵, slight wind.

Another leaf-nose at the county line.
Small. 9 P.M., 88°.

A third leaf-nose 4 mi. E. of the
Narrows, at 9³⁰ some wind. Moon
partly overcast by light clouds. Small
(Continued on April 29th)

FRIDAY, MAY 1, 1936

122nd
Day

St. Philip and St. James

244 Days
to come

Recd today from Gasco man
2 large *Oreganus* from Barrett Dam
1 small ruler

Cook caught yesterday a large
lateralis at Honey Springs.

Made shipment to the First International
Snake Exposition, 3 cs today.

Cook worked today.

Checked up with Bilderbach

(May 2 Continued)

1 Red Rattle L Crossing the road at the foot of
Pentecost grade at 6⁴⁰. Light brush and rocks.
Temp. 86°

1 Arizona L caught on the beam at 7 P.M. 3/4 moon
light wind 91°. Dry lake. Almost dark.
Moved fast and was hard to catch. Has
a healed injury on the side.

Reached the County line at 7¹⁸. 103.4 mi. not
yet quite dark. Almost no wind 93°.

1 *Coleonyx* caught at Dry Lake at 7³⁰.

Another *Coleonyx* seen 3 mi. W. of Dry Lake.

Caught a large *Bufo* 3 mi. E. of the Narrows.
8 P.M. 88°. Some breeze. 3/4 moon.

Another large *Bufo* 2 mi. E. of the Narrows
at 8⁰² = 88°. Both of the last two were likely
crossing the road fast.

A third *Bufo* (small) caught in the
(Continued on April 30th)

SATURDAY, MAY 2, 1936

123rd
Day

243 Days
to come

Worked this morning on accounts and miscellaneous checking up.

Gave Walter a Winchester rifle and some shells for his trip to North Crooked Island.

Went over the key again in the afternoon. Also trying to decide whether to start for Carlsbad this week or next.

Started for the Borego country at 3⁵⁰ with Shorty and Kathleen Arnold. Clear and warm. Quite hot in the desert - a considerable change from last week. Went out by way of Old La Mesa, Fletcher Hills, the highway to Santa Isabel, thence north to Old Warner's Ranch house then down the Pan Felipe to Scissors Crossing and out the usual way. Reached Scissors Crossing at 6¹⁰.

Warm and a mild breeze. Drove to the County line; back to the Narrows; then out to the line (stopping at Bensons) and then home.

1 Gopher L DOR San Vicente Grass

1 Banded Racer S DOR " "

1 Patch-nose (Virgultea) S DOR Mussey Gude
(Continued on index 1) Brush

SUNDAY, MAY 3, 1936

124th
Day

3rd Sunday after Easter

242 Days
to come

Recd today from Allan a ring-necked lizard from La Jolla; also a horned toad.

Spent the day getting ready for the trip tomorrow

Cooke trip of the 2nd and 3^d
Coleonyx 10 mi. N. of Junction of the
aqueduct and 60-70 road.

Sidewinder 5 mi from garnet on
Aqueduct road.

Coleonyx 4 mi. W. of the Narrows

Arizona 1 mi. W of the Narrows.

Flat-tail County line.

Also secured from Benson a
small sidewinder, a flat-tail and
a gecko all from Dry Lake.

MONDAY, MAY 4, 1936

125th
Day

241 Days
to come

Started on vacation trip with gg at 2:15 in the afternoon. Clear, part cloudy and rather sultry. Went out Broadway extension, crossed over at Grossmont, then via US 80 to Lyuma, Ariz. Quite warm from Mountain Spring on.

Arrived at Winterhaven at 7:15 and at Beach Auto Court where we stayed for the night at 7:30. Took an evening drive around the loop to San Luis from 7:30 to 9:40 but it was very disappointing. The evening was fine — cool and no wind. But there was a full (or nearly full) moon which may have caused the difference from April 18th trip. Not only is it possible snakes don't come out as readily, but they are definitely harder to see when the eyes are adjusted to moonlight.

- 1 Cal King Med DOR Allashta Grass (saved)
 - 1 Arizona Med DOR Lakeview Fields
 - 1 Blainvillii DOR Viejas (saved head)
 - 1 Gopher L DOR Live Oak Spr Brush-Rocks
 - 1 " L " " " " Grass
 - 1 Arizona M " 2 mi. W. of Jacumba Brush (Seemed to be coastal-dark form)
- (Continued on March 30th)

TUESDAY, MAY 5, 1936

126th
Day

240 Days
to come

This morning we started east from Yuma at 8⁴⁵ MST. Part cloudy but mostly sunny and warm. No wind.

Few lizards seemed to be out today anywhere between Yuma and Tucson.

Chuck seen in Gila Mts.

1 Trimorphodon DOR Gila Mts near Summit of Telegraph Pass. Fovd.

Barren rocks - light brush.

Dip crossing the road at Liguista
Cally " " " " Wellton

Rip " " " " Mohawk

Stopped at the Reptile Inn near Mohawk.

He had 1 scute, several sidewinders and atrox all from the immediate vicinity of Mohawk. Also Gila Monsters from the north end of the Mohawk Mts at the Gila R. He claims he has found them at the foot of all the mountains round about including the Mohawks and Sierra Pintas. He says reptiles are scarce this year.

Cally at Midway

Dip at Gila Bend.

At last up a long rise at Gila Bend. Plenty of squaritas. The country
(Continued on Jan 1)

WEDNESDAY, MAY 6, 1936

127th
Day

239 Days
to come

This morning we started from Tucson at 8⁰⁰. It was clear and cool. Hunted for a few moments 24 miles east of Tucson but got nothing. This desert has more vegetation than the Sonora or Colorado desert — cacti, mesquite, yuccas, sage brush, grass.

There were plenty of yuccas, many fallen at 39 miles S.E. of Tucson, but nothing was found under them. This is a high windy prairie. Saw one lizard, probably a Uta.

All this day the wind blew very hard — a regular gale late in the afternoon with sand or dust where the top-soil was loose. Not a half-dozen lizards were seen all day — and not a single live snake! Although much of the country is windswept prairie where not much would be expected except gopher snakes and racers we went through some rocky passes and saw some good mesquite dunes. Was much disappointed in not finding any dead rattlers. Beyond Benson
(Continued on Jan 32)

THURSDAY, MAY 7, 1936

128th
Day

238 Days
to come

Started from El Paso at 10 AM. Cool and very windy. A haze over everything because of the dust.

The first 20 miles out of El Paso are fine for desert collecting. Mesquite hummocks and sand - little traffic - black road slightly elevated. At 25 miles begin to wind through limestone hills. Then emerge on a brush, cactus, and yucca desert. Somewhat rolling. But of course we got virtually nothing because of the strong cold wind blowing and the clouds of dust. No lizards were seen. El Paso Co
1 Gopher L DOR 3 mi. E. of El Paso Sandy desert
1 " S " 24 " " " " Greasewood.
1 Longnose L DOR 4 1/2 mi. E of El Paso
Hudspeth Co. Pavd head. Rolling rocky desert, light brush and cactus.
1 Striped racer L DOR Pine Springs, Culberson Co
Rocky creek, sandstone all about. Female with eggs. Also contained lizard remains.
Pavd.

Shot a large whipsnake which was crossing the road at Mountain View Eddy Co. NM.
It took refuge in the top of a mesquite bush about 4 ft off the ground and was hard to see at first.

(Continued on Jan 7th)

FRIDAY, MAY 8, 1936

129th
Day

237 Days
to come

Went up to Carlsbad this morning for breakfast and gas. Then drove to the Cavern for a lecture which was said to be delivered at 9³⁰. No such lecture so waited until the party went in to the Cavern at 10³⁰. Came out via the elevator a little after 3. Enjoyed the magnificent sights tremendously.

Returned to Carlsbad. 1 Coronation DOR ~ 22 mi. S. of Carlsbad. Went shopping and for mail then took a run out the Hobbs road to the east which looks good.

The wind stopped last night at about 10³⁰. Today was part cloudy and warm with some breeze. Cool cloudy and breezy toward evening but no gale like last few days.

Miles for the morning trip 64
Tonight took a run out on the Hobbs road. Many mammals out but it was too cold for reptiles 66°. 29 miles. Total miles today 83.

SATURDAY, MAY 9, 1936

130th
Day

236 Days
to come

Today we drove from Carlsbad to Albuquerque via Roswell, Vaughn and Santa Fe.

Started at 8 AM; it was clear and cool. From Carlsbad to Atoka is mostly desert - some mesquite, low brush, or grass. From Atoka and Artesia north to Roswell is mostly cultivated. There had been rain the night before and it was quite cool; evidently there would be few reptiles if any, out today. There were fewer dead snakes seen in this cultivated country than in the barren area to the south. For 50 miles north of Roswell there is a barren plain. Mostly very low brush like bunch grass; occasionally sandy areas with some mesquite. It got continually hotter as we went north. The road from Roswell to the junction with US 66 was unpaved but in the whole not bad. The traffic was very light so we did not suffer from dust. Incidentally the number of snakes was high considering the light traffic so that

(Continued on Jan 8th)

SUNDAY, MAY 10, 1936

131st
Day

4th Sunday after Easter (Mother's Day)
Confederate Memorial Day (N. C., S. C., Ky.)

235 Days
to come

Today we made the trip from Albuquerque to Winslow with a side trip in the evening to Canyon Padre and return. The weather was good all day, the best we have had so far, but the few snakes run over on the road showed that it is too early in this high country for snakes to be roaming yet; and at night it is almost hopeless to expect any. This is particularly true of rattlers since not a single DOR specimen has been seen since leaving Tucson. The absence of lizards also shows the season is not far enough advanced. So I have no hope of getting an Arizona here at Winslow and there is little chance of a nuntius. Can't expect any hunting until we reach St. George or possibly Las Vegas.

Started on a sightseeing trip around Albuquerque at 9⁴⁰ and finally got underway at 10¹⁰. It was clear and cool. The country from Alb. to Las Lunas is mostly irrigated. Westward it is desert - some grass - some low brush and toward the west where it is higher considerable juniper. There are a few fine sandhills.

(Continued on Jan 11th)

132nd
Day

234 Days
to come

(Continued Jan 15, 1936)

TUESDAY, MAY 12, 1936

133rd
Day

233 Days
to come

This morning started north at 9⁴⁰. The road to Cameron is first through forest, then juniper, and finally a rather barren desert with rock ledges here and there. Toward Cameron it is very barren. Going westward from Cameron on the new paved highway the road looks much better. There is much travel along a rocky debris slope where the lizard hunting should be good in season. Then gradually climb up onto the plateau.

1 Striped racer L DOR 22 mi. S. of Cameron. Very light brush. Sated. Hunted in a pile of black lava in the center of a barren field 19 mi S of Cameron hoping to get a rattler. Got 2 skellies

Tried sandstone and lava ledges 13 mi. S. of Cameron. Not a lizard seen. Hunted in a fine series of sandstone outcrops 2 mi. E. of Cameron. There is much sand here. Altitude 4500 ft. It was quite warm - a little too warm for comfort. Didn't see a lizard.
(Continued on Jan 17th)

WEDNESDAY, MAY 13, 1936

134th
Day

232 Days
to come

Started from Grand Canyon South Rim this morning at 8⁵⁰. A fine clear cool day.

At Yavapai Museum picked up a gopher snake which had been caught the day before by CCC boys. 3 mi. W. of Wayside Museum (Desert View) ^{slightly seen here}

Caught a hooved toad crossing the road at the east checking station. Stopped at a creek-crossing 10 mi. N of Cameron. Here there were lizard tracks but no lizards. It was quite warm. There was a stream running a trickle with plenty of white alkali on each side. Here pollywogs were plentiful. None were caught and preserved.

The first part of the area north of Cameron is too barren to look good.

Hunted in a fine rocky side canyon 4 mi. S. of the Gap. To the eastward were the Echo Cliffs. This country looks good but not a lizard was seen. It was noon and moderately warm. Picked up a large piece of petrified wood.

At the Gap the road is climbing
(Continued on Jan. 14)

THURSDAY, MAY 14, 1936

135th
Day

U. S. Constitution drawn up 1787

231 Days
to come

This morning we were ready for sight-seeing at the north rim at 8³⁰. A clear cool morning. We first went down the path to Bright Angel point where we spent an hour. Caught 3 skellies (S.g.g.?) They are very common here.

Then drove to Imperial Point, 8800 ft. S.g.g. was not so common here but this may have been because it was later (10³⁰). Also got one large skelley (SOB?).

We left the checking station north-bound at 11¹⁵ and reached Jacob's Lake at noon. Here we are still in Transition; it has been pine forest all the way from the rim. It is quite possible rattlers do not occur here. The pines end about 9 mi. N. of Jacob's Lake and we start going down rather fast, pines, cedars etc. and reach a sage brush section with some sandstone outcrops at 14 mi. N. of Jacob's Lake. Here there are only a few scattered junipers left.

Hunted for a few moments this S.

(Continued on Jan. 21)

FRIDAY, MAY 15, 1936

136th
Day

230 Days
to come

Started for Bryce Cañon Park from Springdale this morning at 9⁴⁵. Part cloudy and warm.

Colored lizards, Uta stans, and magister were seen on the rocks at Springdale.

Hunted for a short time in a little creek 3 mi. N. of Glendale. Found skellie plentiful and shot several. The Remington shoots fine — much harder than the little Stevens lost yesterday.

From here on it was increasingly cold — cloudy and with squalls of rain. No lizards were seen. This country is too high for snakes so early.

At the Red Cañon before entering Bryce hunted for a short time but didn't see a lizard.

Returning from Bryce we noted the following:

1 Vagrans L DOR 6 mi N. of Alton — grass-stream

In a pond one mi. N. of Glendale there were plenty Rana pipiens. Collected one

1 Gopher M DOR 2 mi. S. of Glendale
Brush-fields. Saved head.

1 Racer M Shot on the road 1 mi. S. of
(Cont. invid on Jan 15th)

This morning we started from Twin at 9³⁰. A fine clear warm day after a hard wind all night. Quite hot at noon and at St. George all afternoon. Arrived at St. George at 3 P.M. 46 miles to here. At 10³⁰ stopped 1 mi. E. of Rockville and collected a number of lizards. They were quite plentiful - much more so than later when it got quite hot. 5 miles west of Rockville we collected again. Found magister in cottonwood trees.

1 Whipsnake L DOR 6 mi. W. of Rockville. Much red. Grass and rocks.

At Torquerville saw whips, magister and collared lizards but collected only the latter. Most of these lizards have vermilion mites. Noted collared lizards at Virgin City.

At Heeds we fixed specimens until 145. Hunted at Heeds a few moments got collared lizards and saw a whiptail swim a creek to escape. The collared lizards raise their bodies off the rocks to escape the heat.

Picked up a desert horned toad on a rock.
(Continued on Jan. 28)

SUNDAY, MAY 17, 1936

138th
Day

5th Sunday after Easter
Rogation Sunday

228 Days
to come

This morning was clear and warm. At 7:30 started east on a lizard hunt. Went a little beyond the point where the road branches to Hurricane and returned; then down the Bloomington road a short distance. Returned at 10. Total miles 30.

1 Arizona (the first ever reported from Utah) DOR 1 mi E. of St. George. Medium. Mesquite and greasewood. Stopped where the road branches to Hurricane and a little ways on each side and hunted in brush and rocks. Got a number of lizards and saw a good many magisters but they were too wary to shoot. Others were Utes, Whips, Spads. The first two and magisters were also seen at Washington. Got a desert horned toad DOR here.

1 Red racer large DOR at Hurricane ranch (= Harrisburg) Greasewood. Caught a large Sceloporus in the brush at this same point. He was under a greasewood bush, saw me first and ran.
(Continued on Feb. 1)

MONDAY, MAY 18, 1936

139th
Day

Rogation Day

227 Days
to come

Started from Las Vegas for home today at 7 AM PST. It was clear and warm.

Caught a small gopher crossing the road 9 mi. S. of Las Vegas. This was at 7¹⁵ AM. Desert with light brush.

1 Sidewinder L DOR Eric Desert. Light brush.

• Cully noted at Jean

Desert horned toad noted at Roach

1 Patchnose M DOR Wheaton Spring
Yuccas - light brush. Had
a wide white stripe - a typical
hexalepis.

Desert horned toad DOR at Mountain
Pass. Sawd this specimen

A desert horned toad was caught
on the road at Windmill Station.

It was now quite hot.

Stopped for a short time at Yucca
grove or Yucca Station and hunted.

Got whiptail and leopard lizard.

Noted *Xantusia vigilis* under
papers as well as dead yucca
stems but did not collect any.

1 Red Racer DOR M light brush
and tree yuccas. Yellow phase.
(Continued on Feb 5th)

TUESDAY, MAY 19, 1936

140th
Day

Rogation Day

226 Days
to come

Spent most of the day cleaning up accumulations of duties.

Cannon gave me a ring-neck snake from El Cajon.

Cook told me Dr. S. C. Bishop with several friends had called and looked over the collection in my absence.

The following are miscellaneous May records during my absence:

Gardner

May 5th Gopher Snake Pine Hills ^{not} collected
Hammondii Wynola released.

Pacific Rattlesnake Topmuzzey DOR

May 1st Gopher L alive Fletcher Hills grass
" DOR " " "

Cook

May 9th Striped Racer alive Bonita TAM.

Gophers L " " 72°

Gophers S " Mission Hills.

May 14th Gopher L DOR Pine Hills

Red Racer L " Sentencia Canyon

Longnose M " The Narrows

5 Sharp noses at Dry Lake 3 alive DOR

3 " " " The Narrows 1 DOR

2 Short nose Dry Lake 1 alive

2 " " The Narrows alive

(Continued on Feb. 11th)

WEDNESDAY, MAY 20, 1936

141st
Day

Rogation Day

225 Days
to come

Catching up fairly well.

Cook worked today.

Drove out to La Mesa Rotary today to make up; then down to that new cut south of Otay to get a comparison with last year. 40 miles.

1	Black Roses	L	DOR	Otay	Grass	
1	Boyles King	L	"	"	Brush.	
3	Long Hoses	L	"	"	Grass	*
1	Gopher	M	"	"	"	*
1	"	"	"	"	Chula Vista	Grass

* These four were in the critical section of road, the others were not.

Gave the final page proof to Dove and Robinson today of Mitch paper.

Worked on King Snake Page proof tonight.

THURSDAY, MAY 21, 1936

142nd
Day

Ascension Day

224 Days
to come

Gave the King snake paper a second and third reading today. The type seems to be of poor quality. Some of the penosals are off.

Here are some Hailson and
Gander records for May 19.
Calif King Caught alive Moosa Canyon.
Boyles King " " De Luz
Gopher S DOR Ronnsees.
Gopher DOR De Luz
Mitch DOR De Luz
Ruler DOR Moosa Canyon.
Cook worked today.

FRIDAY, MAY 22, 1936

143rd
Day

Maritime Day

223 Days
to come

Ted Myers bot. in a medium
and a large gopher snake from
Oceanside.

Rec'd from Lee Arnold via Bob
Hoard.

1 Small Red Rattlesnake, Yagui Well

1 Leafnose from the Narrows.

1 Small gopher from Julian

3 Sonoras, Sentenac to the Narrows

3 Geckos do

1 Hornnose L from the Narrows.

May get the complete list from this
trip later

Cook worked today.

Company tonight

Sent the Kingsnake paper back
to Necker.

Worked all morning on music.
records etc.

Weiss brought me a large gopher
from Coronado.

At 3:15 started for the Dry Lake
District with young Cy Perkins.
Cloudy and cool in the city; warm
in the back-country with a slight
breeze. New moon. Went out by
the highway.

1 Boa Caught on Middle Messey. Brush-rocks

1 Garter M DOR Fernbrook grass

1 " M " Shady Dell brush.

1 Boyles K L Caught crossing the road
at the top of Sentenac. Light brush
rocks. 5:20 P.M.

1 Red Racer L Caught on the berm 5 mi E.
of the Narrows at 6:05. (Still daylight
and sunlight. Light brush and sand.
He bit furiously as usual.

Stopped at Benson's on the way
out. Cook was there. Benson had
a garter from Sentenac and a
small leaf nose from Dry Lake.

Reached the county line (97 miles)
at 6:30 it was still quite warm 92°.
The sun was just setting. Looked in
(Continued Feb 12th)

SUNDAY, MAY 24, 1936

145th
Day

Sunday after Ascension

221 Days
to come

Spent the day on miscellaneous laboratory work.

The gopher taken yesterday (DOR) at San Felipe was unusually large 1665-278c ♂. (No 25613)

Color and other notes:

Noted the red-racer taken yesterday at the narrows. The black marks on the collar are very evident but the black on the head is disappearing - giving way to brown as if it were scaling off. The body is pinkish ~~dark~~ anteriorly but tends to be brownish behind.

The desert worm snake from the Narrows is Persian lilac above and Rosolane Pink below.

Noted the Rana onca from near Las Vegas. It is now less green has turned dark Olive. It is not like a small pipiens. The body blotches are obsolete although they are clear on the legs. Seems to me valid.

Color notes on an abyssus from Indian Gardens.

Center of spots Cinnamon Rufous
Sides Rufous

Edges of spots (darker part) Hazel.

MONDAY, MAY 25, 1936

146th
Day

220 Days
to come

Cook worked today

Received a small gopher taken
by Benedict at La Mesa.

Visited the new reptile house at the
Zoo and talked to Dr. Wegeforth and Mrs.
Benchley. Also checked up with Bilderbeck.

Cook gave me the following data
on recent field trips:

- May 21 Gopher, San Diego, alive
- 22 Garter, Sentenac Canyon, Paul Benson
leafnose, Dry Lake, " "
2 Gophers 35 mi. E. of Yuma.
- 23 2 Sidewinders, San Hills, alive
Sumas, 1 Uta o. sym, 1 P. micallii Sand Hills
1 Leafnose 5 mi. S. of Kane Apr. DOR
1 Boyles K 3 mi. W. of Dry Lake alive
1 Arizona Yaqui Well "
2 Leafnose Dry Lake alive
1 " The Narrows "
2 " Yaqui Well "
1 " " " DOR
2 " bet Y. W. and The Narrows alive
1 Sonora Yaqui Well DOR
1 Worm Snake Sentenac near Bridge alive
1 Gecko Sentenac alive
- Returned to Dry Lake at 11³⁰.

TUESDAY, MAY 26, 1936

147th
Day

219 Days
to come

Cook worked today

Today drove to Del Mar, Escondido, Vista, Junction, Oceanside and then home via the Coast highway. With Beckham Holloway, Fowler. Started at 9³⁰ - back at 2¹⁵. A clear cool day.

1 Gopher L DOR Moreno Grass

1 " S DOR Rose Canyon "

1 Boyleskinj L DOR Rancho Santa Fe

1 Gopher Alur Large Caught on the road and turned loose Rancho Santa Fe Grass

1 Gopher S. DOR Rancho Santa Fe Grass - Orchard. saved.

1 Boa Small DOR Lake Hodges at the dam Brush.

1 Gopher L DOR San Marcos Grass - vineyard. Total miles 96

Miscellaneous recording work tonight.

WEDNESDAY, MAY 27, 1936

148th
Day

218 Days
to come

Cook worked today.

Dmitri Sokoloff, Eduardo Caballero and their photographer of the Instituto del Biología, Mexico City called late this afternoon and were shown around.

(May 29th Continued)

mad and hard to handle. Bush

1 Gopher M DOR Chula Vista Orchards.

Total miles 165; 34 in San Diego County.

Reached the office at 4³⁰.

Records from gander

May 21.

Little Patchnose Barona Caught.

Boa DOR Barona

May 26

Pacific Garter San Pasqual Monument

May 29

Small desert gopher $\frac{1}{4}$ mi. E. of the Narrows * ^{5³⁰ PM}

Arizona near Dry Lake Station 8⁰⁰ P.M.*

May 30

Patchnose Banner Grade about 3 mi. Below * Julian.

Yellow belly Banner Grade near top.*

* Preserved. 17022-6

THURSDAY, MAY 28, 1936

149th
Day

St. Augustine of England

217 Days
to come

Cook worked today.

Recd from Gasco man a large Pacific and a boa large^{2nd} from Lyons Valley. He had a large Pacific which died quite suddenly. From his description it seems to have been bitten in the head by the one that lived — an extremely nervous specimen.

Records by Bob Hoard.

5-30/ 1 Patch nose DOR 19 mi. W. of El Centro
(= Plaster City)

1 Mitchellii Carrizo Gorge. Alive but not collected

1 Boyle's King DOR 3 mi. E. of Tia Juana.
3 Cal Kings 3 mi. N. of Julian.

FRIDAY, MAY 29, 1936

150th
Day

216 Days
to come

Cook worked today.

Received a fine shipment of rattlers, rubber snakes and a garter from Prof. V.E. Jones Pocatello.

Today at 9³⁰ started for Ensenada with Fowler, Holloway, and Peckham. Cool and windy. The wind increased all morning and blew hard all day. Quite cold so finding live snakes could not be expected. A bad day for this trip.

- 1 Longnose L DOR Otay Grass
- 1 Gopher L DOR Otay Grass
- 1 Longnose S DOR. 6 mi. E of Rosarito Beach
grass - brush.

1 Calif toad DOR at the same place.

1 Gopher M DOR Descanso Grass.

Had eaten a mammal. Also a uta here

1 Striped Racer L DOR Mission San Miguel Grass

1 Striped Racer L DOR Jatay Brush-Rocks

Also oncutti and S.O.B. seen here

Reached Ensenada at 12³⁰; left again at 2³⁰. Very cold and windy.

Caught a Pacific Rattlesnake large crossing the road at Valencia Beach. His tail had been run over by the car just ahead so that he was
(Continued on May 30th)

SATURDAY, MAY 30, 1936

151st
Day

Memorial Day

215 Days
to come

Today at 9⁰⁰ with young cy Perkins started for Indio. Was clear and cool - rather windy. In the back country it got continually cooler and more windy and virtually nothing was out. A bad day and a worse evening. Went on the regular highway to Santa Ysabel thence to Warner, Aguanga, Paje, Hemet and over the Pine's to Palm's highway to Indio.

1 Western Yellow Belly DOR Morettes
Grass-trees.

Hunted for a short time south of Sage but got nothing.

1 Horned toad DOR Sage

1 Gopher M DOR Sage Brush-grass.

Picked up a horned toad good enough to pour on the west side of the San Jacinto grade near the top.

Caught 2 garters in the creek about 1 mi. N. of Lake Hemet. 2 others were seen but lost in the water weeds.

Reached Indio at 5³⁰. It was very windy. Spent 3 hours driving around south and west of Indio and found a number of good stretches
(Continued on Feb 17th)

SUNDAY, MAY 31, 1936

152nd
Day

Whitsunday (Pentecost)

214 Days
to come

at 5³⁰ this morning the temp.
was 54°. High fog in the mountains.
Started for home at 6⁴⁰. Cool and
windy with some sun.

1 Red Racer DOR Pentenac M grass-brush

1 " " S " San Felipe Grass.

1 Pacific Rat L Cholla etc DOR Grass.

Reached home at 9AM. Miles 74.

Miscellaneous work all day
and evening.

Sander's specimens for locality
records:

C. m. pyrrhus South mts near Phoenix ^{mancoipa}

C. atrox 7 mi. N. of Roosevelt Dam on
East side of Tonto Creek, Gila Co.

C. scutellatus Red Rock near Tucson
Pinal Co.

Record of Cook's week end trip.
He had the same troubles with wind.

5-29

1 Gopher Small DOR Lake Hodges

1 Boyles King L DOR Fallbrook

1 Striped Racer L DOR 1 mi. N. of Co. Line

1 Boyles King S DOR Valle Vista

5-30

1 Red Racer L DOR Pentenac Canyon

MONDAY, JUNE 1, 1936

153rd
Day

Monday in Whitsun Week

213 Days
to come

Cook worked today.

Recd today the first copies of the Mitchell paper.

Talked to Bilderback about drawings of rattler and other snake skulls. Also talked to Abbott about the publication of the Key.
Movie tonight.

(June 1st Continued)

Miles in the county 66. Miles today 179. Total miles for the trip 1057.

Called on Don Garner at Highgrove. He has done no collecting this spring.

Chapman Grant returned yesterday. He called this evening and told me about the Snake Exposition and progress with Herpetologica. Also brought a few specimens.

Cook had a fairly successful trip last week-end. Got a number of lizards in the sand-hills upon which I won't report as they are all old records. He got a long-tailed uia at Dry Lake.

6-12 Gopher L D & R 3 mi. E. of El Centro. Cult. fields
" S " W. end Holtville " "
" S " 3 mi. E. of " Desert.

(Continued on June 2nd)

TUESDAY, JUNE 2, 1936

154th
Day

Tuesday in Whitsun Week

212 Days
to come

Cook worked today.
Went to a movie tonight.

(June 17th Continued from June 1)

2 Cerastes killed by employees in Maintenance
Station June 10th & 11th

June 13

- 1 Cerastes collected alive in Sand Hills.
- 1 Gopher S. DOR 2 mi. E. of Holtville
- 1 " S " 1 " W " "
- 1 " M " 3 " N " Imperial
- 1 " L " 2 " S " Brawley
- 1 Shovel-nose L caught on 5 mi. W. of Dry Lake
- 1 Leaf-nose S " " Yagui Well.

June 14

- 1 " M DOR The Narrows
- 1 Gopher L DOR 1 mi. E. of Banner
- 1 Lateralis alive escaped 4 mi. S. of Cuyamaca
- 1 Oreganus S DOR Cuyamaca Lake (contained a rat).

June 15

- 1 Gopher S DOR Laguna Ints
- 1 " 17 Caught live. Camp "Burnt Ranchero"
near Laguna P.O.
- 1 Patchnose M DOR Buckman Apr.
- 1 Oreganus S. DOR " "
- (Contained a whistail)
- 1 Patchnose L DOR Dubzura
- 1 Gopher L " "
- 1 Ruler L " La Honda Spring (=Tame)
- 1 Cal. King L " Casa de Oro (=Spring Valley)

WEDNESDAY, JUNE 3, 1936

155th
Day

Ember Day
Confederate Memorial Day (Tenn.)

211 Days
to come

Cook worked today.

THURSDAY, JUNE 4, 1936

156th
Day

210 Days
to come

Cook worked today.

Received today my first copy
of Burt's Key to the Hybrids. I cannot
agree with some of his conclusions
and lumpings. also P. b. frontale
from Montana!

Recd a fine shipment from Sanders.
Also a borrowed shipment from Bogert.

FRIDAY, JUNE 5, 1936

157th
Day

Ember Day

209 Days
to come

Cook worked today.

Today went out to Oceanside to
make up Rotary. Out on the highway;
back by way of San Marcos
and Olivenhain and Cardiff. A
clear cool day. With Dellmann.
Started at 11:50; back at 4:10.
89 miles.

	Gopher	M	DOR	Morena	Grass
	"	L	"	"	"
	Pacific Rat	S	"	Rose Canyon	"
	Gopher	L	"	7-Points	"
	Red Racer	L	"	South Oceanside	Fields
	Gopher	L	"	2 mi E of	Grass
	"	M	"	4 " " " "	"
	"	L	"	5 " " " "	"
	Boyles K	L	"	Vista	"
	Pacific Rat	S	"	Olivenhain	"

SATURDAY, JUNE 6, 1936

158th
Day

Ember Day

208 Days
to come

Miscellaneous record work and
filming all day. Milked all the
available rattlers.

(June 7th Cont)

for gas oil. 163 miles to here.
Went back 2.6 miles to the Palmdale
road then went west. Now quite
Cool. 2 mi. E. of LA Co line = 20
mi. W. of Victorville picked up a *Coleonyx*.
This was at 8¹²; almost dark; temp
63°. From here on it got very cold
and windy. Gave up hope of
collecting. A couple of miles
East of Palmdale there was a
snake on the road, but couldn't
stop quickly enough to catch him.
Most likely an Arizona. Searched
the side of the road carefully but
couldn't locate him. It was now
9¹⁰ - 58° and a cold wind blowing.
Cold and windy in Mint Canyon;
may have passed up some DURS.

Reached Los Angeles at 11²⁰;
277 miles.

Another day of hard luck because
of the weather.

Spent the morning checking up the horridus - atricaudatus differences. Atricaudatus certainly seems to be a weak subspecies. None of the characters named by Gloyd seems to hold and furthermore they do not coincide; that is geographically at points of divergence.

Started for Los Angeles via Cajon Pass and the Mohave at 2⁴⁰ with gg. Clear and warm. With gg.

1 Gopher m. alive on the berm at Poway. Bobbed his head as he advanced. Brush. Scared him off the road to save him from being run over.

1 Boyles King L DOR Vista Grass

1 " " " " Bonsall Creek-bush

1 Red Racer L DOR 3 mi. S. of Fallbrook Fields
County line 65.8.

1 Red Racer L DOR Temecula Grass
Full of eggs - saved.

1 Pacific Rat S. DOR Murietta Fields

1 Gopher L. DOR. Sand Lake Reserve Grass

Reached Cajon Pass at 6⁴⁵; sunset here but the sun shown again just beyond. Quite cool. Reached Victorville at 7²⁰ and stopped
(Continued on June 6th)

MONDAY, JUNE 8, 1936

160th
Day

206 Days
to come

Started for home today at 3³⁰.

Clear and cool.

1 Red Racer L DOR 3 mi. S. y Irone Fields
1 Gopher S " " " " " "

1 Gopher L " Serra Grass.

1 Gopher L " Agua Brush fields

Stopped at La Jolla. Reached
home at 7. Count 53 miles in
County in daylight. 136 miles

JACannon brought me a Cal.
King's large from El Cajon.

In the evening went to the
Fellows meeting; also cleaned up
my desk.

Cook worked today.

TUESDAY, JUNE 9, 1936

161st
Day

205 Days
to come

Cook worked today.

Al May told me of watching a gopher snake for $1\frac{1}{2}$ hours in its attempts to secure some nestlings in a nest on a tank house. Being unable to climb this it seemed to study the situation and then climbed a eucalyptus tree which was nearest to the nest. It could not reach the young birds owing to the attack of birds (King birds especially) other than the parents (flycatchers).

WEDNESDAY, JUNE 10, 1936

162nd
Day

204 Days
to come

Cook worked today.
May records from Peterson
Coral King lagoons
Boa Suncrest

June 4

Spotted Night 9PM San Diego

June 7 Striped Racer DOR L

SDCs. Foot of grade N. of Pala.

(June 15th Continued)

✓ chucks and a dip. Several lizards were shot including whips, Callys, and utas. The lizards seemed to be rather tame. The cally was thin. I wore myself out on this island.

Island No 3. This was very small; rocky. 8 ft. high and about 60 ft around. Black rock rough and pitted. Here we got 2 utas.

Island No 4. This was a small flat topped island with pebbles and sand. It was probably 4 ft high and 60 to 80 ft in circumference. Here there were nothing but callys of which about a dozen were shot. Some took refuge in the water but apparently not intentionally. That is they seemed to be used to escaping by running in any direction and didn't
(Continued on June 11th)

THURSDAY, JUNE 11, 1936

163rd
Day

Corpus Christi—St. Barnabas

203 Days
to come

Cook worked today.

Oreganus DOR San Marcos,
reported by Gander

Arizona L Grass DOR June 7
Ramona saved by D. Regnery; bad
condition.

Went to the Expo with Lane tonight.

(June 15th Continued from June 10)

seem to understand that they couldn't do
the same on the water.

We now returned to Boulder City
reaching there at 5 P.M. Fixed specimens.
Found that a whiptail from Island No. 2
contained a scorpion. The callys from No. 4
were quite thin.

Went to Las Vegas for supper and left
there at 6³⁰. Warm and breezy.

Stopped at the pond or creek 4 mi. NW
of Las Vegas on the Indian Springs road
and got a few hylas and 1 rana. This
was at sundown. 93° F. The hylas were
croaking only occasionally.

Drove to the end of the Kyle Canyon road
on Charleston Mt. This is transition
with large trees. Altitude about 7600 ft.
Got 2 skellies under a rock. The temperature
here was 70° F., 35.7 mi. from Las Vegas.
(Continued on June 12th)

FRIDAY, JUNE 12, 1936

164th
Day

202 Days
to come

Cook worked a short time today.
Pickled everything available.
Cota called for material this

evening

Phil and Derm arrived from
Stanford at midnight. They brought
✓ Bup canoes and 3 Hyla regilla from
the meadow south of Glacier Point. Also
recorded the following DOR's:

Gopher Oakhurst, Inyo Co

Whiptail " " "

Garter (?) Bates " "

Gopher Pixley Tulare Co

Patch nose 2 mi. N. of Grapevine Station
Kern Co (Paired)

Boyles King. Gorman, Kern Co.

Gopher Pacheco

Gopher Los Baños

(June 15th Continued from June 11th)

As we went through all temperatures from 70°F
to 90°F proving that temperature is not the sole
controlling factor, or more snakes would have
been seen. Found a small Boyles King still
agurining 2 mi. W. of Junction of Kyle Canyon road
with main Las Vegas - Indian Apr. Road. Platypholis
DOR 3 mi. N.W. of Las Vegas. Returned to the hotel at
10¹⁵. No wind. 84°F. 146 miles today. Another disappoint-
ing evening when the weather conditions were ok. No moon.

SATURDAY, JUNE 13, 1936

165th
Day

201 Days
to come

Miscellaneous work in the
morning.

Gardner's wedding this afternoon.

(June 14th Continued)

This was at 7⁵⁵. Quite dark. 91° F.

Arrived at Las Vegas at 8⁵⁰.

Some wind. Cloudy and sultry. 92° F.

Drove up the road toward Indian Spring
for 10 miles but did not see anything
so came back. The headlights of cars
returning from Charleston Ints. were
objectionable. The wind died down
toward the last. No frogs were heard at
the pond beyond Las Vegas. 92° F is
evidently too warm for snakes.

Reached the hotel at Boulder City
at 10³⁰ and turned in. Still 92° F.
A little less wind.

Miles for the day 394; in San
Diego County 68.
Snakes.

SUNDAY, JUNE 14, 1936

166th
Day

1st Sunday after Trinity
American Flag Adopted 1777 (Flag Day)

200 Days
to come

This morning at 10¹⁵ started for
Boulder Dam with Philip and John Derm.
Overcast and cool - high fog.

- | | |
|-----------------------------|--------------------|
| 1 Rubber S DOR Miramar | Brush. |
| 1 Boylii M DOR Bernardo | Fields |
| 1 Gopher S DOR Vista | " |
| 1 Boylii S DOR Vista | " |
| 1 Arizona M DOR Bonsall | Grass |
| (dark coastal form) | |
| 1 Gopher L DOR Bonsall | Grass |
| 1 Red Racer M DOR Fallbrook | ht. brush - fields |
| (sawd) | |
| 1 Arizona M DOR Wildomar | Grass |
| (dark coastal form) | |

Picked up lane at the Santa Fe station
and left at 2³⁰. Quite warm.

- | | |
|---|-------|
| 1 Gopher L DOR San Bernardino | Grass |
| 1 Striped Racer M DOR 2 mi. W. of Summit of | |
| Cayon Pass. | |

Left Mountain Pass where we ate supper
at 7 P.M. Dark - not quite dark. Warm.
Quite a lot of wind.

1 *Platyrrhinus* caught on the road at Coach.
This was at 7³⁵. It was almost dark.
Was surprised to find a horned toad active
at this time.

1 Medium Gopher caught on the road at Jean
(Continued on June 13th)

MONDAY, JUNE 15, 1936

167th
Day

Pioneers' Day (Idaho)

199 Days
to come

At 8³⁰ this morning it was 94° and very windy. Met Mr. Berkeley of the Westinghouse Co and arranged to see him at the dam at 9³⁰ which we did. Went through the plant very thoroughly until 1 P.M.; then returned to the hotel for lunch.

Left for the lake at 2¹⁰: 98°F and considerable wind. Started on a boat trip at 2³⁰. The water was quite rough and we were occasionally soaked with spray.

Island No. 1. (Numbered in order of visit; the number means nothing as to location). This island was far from any land and looked as if there should be a good concentration. Almost all rough glassy black rock (lava?). About 20 ft high and 150 ft. around. Hunted hard, turning over many rocks but found nothing.

Island No. 2. It was now 3 P.M. and warm. This island was about 30 ft. high and 450 ft. in circumference. It was rocky with some sand and pebbles. There were a few plants. We got a ~~small rock~~ a rock
(Continued on June 16th)

TUESDAY, JUNE 16, 1936

163th
Day

198 Days
to come

This morning we started for the lake at 8¹⁰. However the boatman was not available until 9. It was clear and cool. Very little wind. The water was quite calm compared with yesterday. The boatman said the lake was rising about a foot a day; last week it was nearly 2 feet. He said he had seen 3 snakes swimming in the lake of which one was a rattler. Our lack of luck with snakes would indicate that they leave the islands more readily than lizards or else they are more successful in secreting themselves. Possibly a night hunt would be of interest. The lizards scramble about in the water as if they didn't understand it. Some sink. Noted a whiptail which did this. Most of them get out again as soon as they can.

Island No. 5. A tiny island only a few square yards in extent. Got 3 dips alive. Saw a uta but he succeeded in hiding in a crack. This was on the Arizona side

Island No. 6. A large island several acres in extent. Sandy with scattered

(Continued on Feb. 19)

WEDNESDAY, JUNE 17, 1936

169th
Day

Bunker Hill Day (Boston)

197 Days
to come

This morning we started for home from Victorville at 8¹⁵. It was warm.

At Miller's Corner whiptail and uta were seen and a Xantusia vigilis was caught. An X.O. was seen under a sign. We hunted for 15 or 20 minutes but didn't get much. Noted that a Xantusia tail after separation squirmed furiously. Whiptail 1 mile north of Cajon Summit

Red Race L. DOR 2 mi. N. of Verdmont brush.

Cally shot at Verdmont. Surprising to find this so close to San Bernardino.

Tore up the fan belt and were delayed nearly an hour in Riverside getting a new one.

1 Trumorphodon M DOR Box Spring brush-rocks

- 1 long-nose M. DOR Vista Orchard-field
- 1 long-nose M DOR Elsenie Brush
- 1 Gopher M DOR Buena Grass
- 1 Boylesk L " " "

Arrived home at 3 P.M. Rather hot.

(Continued on June 1st)

THURSDAY, JUNE 18, 1936

170th
Day

196 Days
to come

Cock worked today

Recd a fine shipment of
snakes from Geo. P. Meade, Louisiana

Cota observed garter snakes and
turtles in pools fed by springs at
El Pescadero, B.C.

Cota reports the following snake
bite remedy used by the Kiliguas
Indians of Guadalupe Lower Calif:

Garlic ground in small pieces

Petroleum - small amount

Juice of Rattlesnake

Salt - small amount.

Quoted from a trouble report "A

Communication was received from the
Santa Margarita Ranch office to the effect that
"falling sparks" from a pole at Los Flores had
set the grass afire and that ranch hands
extinguished the fire before any damage was
done. Investigation revealed that a bird
must have dropped a snake onto jumper-loop
wires on Pole 21169 as the pole had been on fire
when anchor guys had been attached to the pole
between the top and bottom block arms. Found the
remains of the snake at the base of the pole;
also observed burnt spots on the bond strap
and on the jumper wires. This no doubt caused
the outage.

FRIDAY, JUNE 19, 1936

171st
Day

Feast of the Sacred Heart

195 Days
to come

Reported by A. E. Comeau, C. C. Oreganus
founder at Pozo Creek near Bakersfield
at 9 PM.

Cook worked today.

Spent the evening (after the
Schmeling - Louis fight) getting
ready for the talk tomorrow.

(Continued from June 20)

Allegator lizard from the junior college
collection said to have been collected
at Agua Caliente, Lower California -
but which Agua Caliente wasn't
stated.

Started for home at 6; stopped
for supper at Laguna Beach and
reached home at 9:45. Frogs heard
at San Clemente.

272 miles round trip

SATURDAY, JUNE 20, 1936

172nd
Day

194 Days
to come

Started for Los Angeles this morning at 9¹⁵. Overcast and cool but warm in the interior.

1 Cal. King M DOR Rose Canyon, grass

1 " " " " Del Mar "

1 " " L " Los Flores Fields

1 Gopher S " Don Fields - brush

54 miles in County.

1 Boyles King M DOR Laguna Beach
Grass.

Stopped at Long Beach where Perkins had just landed with the animals acquired on his Oriental trip. He was in rather bad shape physically from accidents and overwork.

Went on to Los Angeles and addressed a meeting of the "Federation of Natural Sciences" 4th Annual Convention at Los Angeles Junior College in Rattlesnakes. There was a small crowd. Evidently this organization is a sort of personal affair of the president Dr. H. J. Andrew. After the talk had a most interesting visit with Cowles and S.F. Wood until nearly 6. Saw an unusually large
(Continued on previous page)

SUNDAY, JUNE 21, 1936

173rd
Day

2nd Sunday after Trinity
First Day of Summer—Longest Day of Year

193 Days
to come

Spent the morning at the Zoo
looking over Perkins' specimens.
a few had died recently and were
brought home for pickling.

Miscellaneous work in the
afternoon and evening.

Records from collection of
Philip Kruttsch and Richard Neil
all at Murray Dam

1 Pacific Rattle

June 20

1 Gopher Snake

June 17

1 Boyles King

June 19.

MONDAY, JUNE 22, 1936

174th
Day

192 Days
to come

Cook worked today
Recd a small mitch from
Barrett Dam
Movie tonight.

TUESDAY, JUNE 23, 1936

175th
Day

191 Days
to come

Cook worked today.

Started for Pasadena to AIEE

convention at 4¹⁰. Clear and warm.

1 large live gopher crossing the road at Rose Canyon. grass. Chased him out of danger.

1 Gopher S. DOR Rose Canyon grass.

1 Red Racer L DOR Stuart grass.

1 Cal King L DOR Stuart fields

56 miles in the country

WEDNESDAY, JUNE 24, 1936

176th
Day

Nativity of St. John Baptist

190 Days
to come

AIEE meeting in the morning.
at 3PM went to Mt. Wilson observatory
and returned at 10⁴⁰ to Pasadena
1 D.O.B. seen on top of mountain.
A warm day.
Cook worked today.

THURSDAY, JUNE 25, 1936

177th
Day

189 Days
to come

AIEE convention in the morning.
At 33° drove back to SD, a hot
day, with Mr. Mrs. Frank Meyer
of Oklahoma City. Saw several
dead snakes but couldn't stop.

Cook worked today.

FRIDAY, JUNE 26, 1936

178th
Day

188 Days
to come

Cook worked today.

SATURDAY, JUNE 27, 1936

179th
Day

187 Days
to come

Spent the morning in miscellaneous filing and checking.

In the afternoon went to the Cotton wedding at Corte Madera. A warm afternoon. 75 miles in daylight. 1 dead snake seen. Couldn't stop to check it.

SUNDAY, JUNE 28, 1936

180th
Day

3rd Sunday after Trinity

186 Days
to come

Worked on card file of
pamphlets

MONDAY, JUNE 29, 1936

181st
Day

St. Peter

185 Days
to come

Cook worked today
Card file tonight

TUESDAY, JUNE 30, 1936

182nd
Day

184 Days
to come

Went to El Cajon Rotary Club
this noon. 30 miles. Nothing seen.

Recd a second shipment from
D O Scott.

Recd a small oreganus from
Ray Cavell from Palm City.

WEDNESDAY, JULY 1, 1936

183rd
Day

183 Days
to come

Cook worked today
Worked on accounts tonight

THURSDAY, JULY 2, 1936

184th
Day

Visitation B. V. Mary

182 Days
to come

Cerole worked part of today

FRIDAY, JULY 3, 1936

185th
Day

181 Days
to come

Cook worked part of today
Records from Sanders
Collared lizard 18 mi. SW of Winslow
Gopher snakes 31 mi. W of New Mexico
line = 4 mi NE of Navajo
Worm snakes were from Phoenix
Small rattler is from 6 mi. W of
Miami on U.S. 180 +

SATURDAY, JULY 4, 1936

186th
Day

Independence Day

180 Days
to come

Miscellaneous filing and
recording.

SUNDAY, JULY 5, 1936

187th
Day

4th Sunday after Trinity

179 Days
to come

Miscellaneous reading and
work in laboratory and library.
Called on Chapman Grant this
afternoon

MONDAY, JULY 6, 1936

188th
Day

178 Days
to come

Cool worked today. Meeting
of directors of Natural History Museum
in the afternoon

TUESDAY, JULY 7, 1936

189th
Day

177 Days
to come

Cook worked today.
Began tonight to work once more
on the "Statistics"

WEDNESDAY, JULY 8, 1936

190th
Day

176 Days
to come

Cook worked today.

THURSDAY, JULY 9, 1936

191st
Day

175 Days
to come

Cook worked today
Recd the horned toad proof from
Mrs. Gaige.

FRIDAY, JULY 10, 1936

192nd
Day

174 Days
to come

Cook worked today
Recd 4 fine conch from
Karl Stewart.

SATURDAY, JULY 11, 1936

193rd
Day

173 Days
to come

Went to the zoo and Natural History Museum this morning.

Abbott authorized the publication of the Key at not to exceed \$400.⁰⁰
To be submitted to printer any time.

Overhauled the horned toad proof and returned it to Mrs. Gage.

Made the final corrections to Occ. Pap. No. 1 particularly to table No. 1. Will make no more additions regardless of what comes in, so this is ready to go whenever Gloyd's lepidus paper is received.

SUNDAY, JULY 12, 1936

194th
Day

5th Sunday after Trinity
Orangemen's Day

172 Days
to come

Spent the day making the final corrections on the sex-ratio and birth-rate sections. Brought all tables down to date.

Went to concert in the evening.

MONDAY, JULY 13, 1936

195th
Day

171 Days
to come

Cook worked today.
Recd today Vol. 1 No 1 of
Herpetological containing the
King-Snake paper.

TUESDAY, JULY 14, 1936

196th
Day

170 Days
to come

Cook worked today
Went to El Cajon Rotary this
noon. Hot. 30 miles. Nothing seen.
Out Broadway Ext.; return via
Fletcher Hills.

WEDNESDAY, JULY 15, 1936

197th
Day

St. Swithen

169 Days
to come

Cook worked today.

THURSDAY, JULY 16, 1936

198th
Day

168 Days
to come

Cook and Bilderback worked
on venom glands today.
Very warm and sultry.

FRIDAY, JULY 17, 1936

199th
Day

167 Days
to come

Cook and Bilderback worked
on venom glands today. Very
warm and sultry.

A record from Bogert. L. pyromelana
N. of Pedona.

SATURDAY, JULY 18, 1936

200th
Day

166 Days
to come

Worked all day upon miscellaneous filing and recording.

SUNDAY, JULY 19, 1936

201st
Day

6th Sunday after Trinity

165 Days
to come

Milked 53 Spokane Oreganums and a few other miscellaneous rattlers. Worked all the rest of the day at recording etc.

at about noon Bogert with his girl, his brother, and Luther Hittler called. Talked 'all kinds of business'. They stayed about $1\frac{1}{2}$ hrs.

Color notes on a red racer from 50 mi. W. of Arbuckle, Colusa Co, Cal. Lower throat and interspaces between dark longitudinal lines on the neck = Flame Scarlet.

Parietals Auburn

Dark brown longitudinal lines at mid-body = Auburn

Underside of tail Rose Doree
Underside of body posteriorly
Geranium Pink.

Anterior ventral surface particularly at outer ends of Ventrals = Grenadine Pink.

MONDAY, JULY 20, 1936

202nd
Day

164 Days
to come

Cook and Bilderback worked
today on venom ducts
Went up to the zoo this noon
to the unveiling of the tablet
to Doc Wegeforth.

TUESDAY, JULY 21, 1936

203rd
Day

163 Days
to come

Cook and Bilderback worked today
on venous ducts

Rec'd first copy of lepidus
paper from gloyd!

WEDNESDAY, JULY 22, 1936

204th
Day

162 Days
to come

Cook worked today
Started for San Francisco
this afternoon on the train.

THURSDAY, JULY 23, 1936

205th
Day

161 Days
to come

Cook worked today
Arrived in San Francisco this
morning via Sunset, 2 hours late.
Worked all day.

FRIDAY, JULY 24, 1936

206th
Day

Pioneers' Day (Utah)

160 Days
to come

Cook worked today.
Cannon left me a large
garter from Boston.

In San Francisco. Worked until
3 P.M. Saw Flewin for a short
time; looked up several Harris
references.

MVZ localities.

A. E. occidentalis

19264-6 Boulder Lake nr. Mouth Virgin River

19267 Boulder Lake nr. Arizona Side

20669 $\frac{1}{4}$ mi. N. of Kaslin 1225 ft., San Benito Co

L. h. humilis

19284 Cow Creek 150 ft. 4 mi N. Furnace Co. Inn

S. g. hexalepis

20396 W. Side Walker Lake $7\frac{1}{2}$ mi. NW of Hawthorne

R. lecontei

20485 Honey Lake Basin 4600 ft 5 mi ENE

hitchfield on highway 106

L. t. ochrochrysur

20486 Paynes Creek 1340 ft. Tehama Co

(Red Bluff - Susanville Highway)

B. californicus

20507 Salinas R 3 mi. NE Santa Margarita
S. L. O. Co.

SATURDAY, JULY 25, 1936

207th
Day

St. James

159 Days
to come

Spent all day at MVZ arriving there at 8⁴⁰ and leaving at 5³⁰. Saw a bad street-car wreck on the way over.

Talked reptiles with Hensdale all day. Lunched with Grinnell and Hensdale. They have made good collections during the past year and have many new and interesting locality records particularly from Nevada, Northern California and San Benito County. Hensdale does not agree with my disposition of the *blainvillii*-*conrathii* problem; seems to be a difference of definition of subspecies. Talked over a proposed California checklist and key. Listed their new rattlers and looked at some of them, but didn't count. Borrell did better with snakes on the islands than I did but not especially well, with lizards..

Benson says he saw sidewinder tracks at Kino Bay, Sonora and says the Indians say they occur on Tiburón Island.

Started back tonight on the bark

SUNDAY, JULY 26, 1936

208th
Day

7th Sunday after Trinity
St. Anne

158 Days
to come

met gg and Marie at 9²⁰ and
drove to San Diego where we arrived
at 12³⁰. A sultry day.

1 Boyles King L. San Mateo just
south of the County Line Grass

1 Boyles King M DOR Grass
Pycamore Canyon.

1 Mixed King DOR Grass L
Las Flores

1 Gopher M DOR Las Flores Grass
Total miles in County 36.

Worked all afternoon and
evening catching up on reading
and records.

MONDAY, JULY 27, 1936

209th
Day

157 Days
to come

Conferred with printer today
about Occ. Pap. No. 1. and Key.

Miss Guthrie of Sacramento
called this afternoon.

Went to Chula Vista Rotary.
15 miles. Nothing seen.

TUESDAY, JULY 28, 1936

210th
Day

World War Began 1914

156 Days
to come

Conferred with Abbott Bilderbach,
and the German translator today.
Starting a cold

WEDNESDAY, JULY 29, 1936

211th
Day

155 Days
to come

Bad cold today - home most of
afternoon.

THURSDAY, JULY 30, 1936

212th
Day

154 Days
to come

Bad cold; home part of day.

FRIDAY, JULY 31, 1936

213th
Day

153 Days
to come

Bad cold nearly over. Submitted
just 3 parts of Dec. Paper, No. 1 to
Abbott for final check.

SATURDAY, AUGUST 1, 1936

214th
Day

152 Days
to come

Spent the day on the key.
Prepared the maps roughly so that
figure numbers could be assigned.
Made a final check on hyphens
and such matters; type sizes;
general arrangement. Reread the
Key carefully to correct these items.
Chapman Grant called
tonight.

SUNDAY, AUGUST 2, 1936

215th
Day

8th Sunday after Trinity

151 Days
to come

Again checked the Key for editorial details. Then brought all rattler maps up to date in order to be able to prepare the maps for the Key. Went over this diary up to this point to see that no rattler records had been missed.

MONDAY, AUGUST 3, 1936

216th
Day

150 Days
to come

Today met Abbott at Heyensch's
and discussed publications.
Turned over to them Occ. Pap. No. 1
and the Key. Also saw Bilderback
and talked fangs.

TUESDAY, AUGUST 4, 1936

217th
Day

149 Days
to come

Went to El Cajon Rotary Today.
20 miles. Nothing seen.

WEDNESDAY, AUGUST 5, 1936

218th
Day

148 Days
to come

Went to Pt. Loma with Fiske
today. 6 miles. Nothing seen.

THURSDAY, AUGUST 6, 1936

219th
Day

Transfiguration

147 Days
to come

Cook returned from his Naval
Reserve cruise today.

FRIDAY, AUGUST 7, 1936

220th
Day

145 Days
to come

hooked over proof of 8 pages
of Occ Pap. No. 1 today.

SATURDAY, AUGUST 8, 1936

221st
Day

145 Days
to come

Worked all day on the maps for the key and made good headway. Got a finished copy of Occ. Pap. No. 1. Looks pretty good. Will have to write up a series of rules to secure uniformity in the typewriting.

Much excitement tonight when Les' daschund was run over.

A heavy rain this afternoon cooled things off. Had been hot and sultry.

SUNDAY, AUGUST 9, 1936

222nd
Day

9th Sunday after Trinity

144 Days
to come

Worked on the maps for the Key
all day and finished the
preliminary sketches.

A record from D.O. Scott.

Thamnophis eques East Canyon
5 mi. N. of Himbles, P.O. Grant Co, N.M.
6350 ft.

MONDAY, AUGUST 10, 1936

223rd
Day

St. Lawrence

143 Days
to come

Cook worked today.

Got 100 copies of paper No. 1 Occ.

Read the first half of the first
galley of the Key.

Left for San Francisco on the
afternoon train. Read the proof. As
usual several incorrect letters
kept repeating.

Got a large preserved pyrrhus from
Coto - Vieja

TUESDAY, AUGUST 11, 1936

224th
Day

142 Days
to come

In San Francisco on business
Caught the sunset at 6 45
Cook worked today

WEDNESDAY, AUGUST 12, 1936

225th
Day

141 Days
to come

Returned from San Francisco in
the noon train.

Cook worked today.

THURSDAY, AUGUST 13, 1936

226th
Day

140 Days
to come

Cook worked today.
Got a large oreganus from
Barrett Dam via Martin the
meter reader

FRIDAY, AUGUST 14, 1936

227th
Day

139 Days
to come

Cook worked today.
Saw Perkins. Also talked with
Abbott re printing - we are much
disturbed by the poor work in
Occ. Pap. No. 1.

SATURDAY, AUGUST 15, 1936

228th
Day

Assumption B. V. Mary
Panama Canal Opened 1914

138 Days
to come

Spent the entire day working
on maps, photos, and figures
for the key. Made good headway

SUNDAY, AUGUST 16, 1936

229th
Day

10th Sunday after Trinity
Bennington Battle Day (Vt.)

137 Days
to come

Worked today on maps and
figures for the key.

Perkins gave me a king cobra
10' 11" long. It has double fangs.

Records from Museum of Northern
Arizona

Gopher Snakes:

Turkey Tanks E. of Flagstaff 572-3472
Medicine Valley 572-3470.

Black Hill Park 645-3817

Record of a trip to the Borego
Country taken by Perkins

1 leaf nose DOR Dry lake (1 mi. W) 12⁰⁰ AM

Gecko 6 mi. W. of Co line 1⁵⁵ "

1 Red rattles medium, light color
taken on side trip into brush 2⁵⁰ "

82° 2 mi. E of Yagui Well

Gecko 8 mi. W of Co line 3²⁰ AM 80°

" " " " 3³⁷ " "

Uta stans Burlewinkes Pit 5³⁰ AM (after
sunrise)

1 Red Rattler DOR Foot of Sentenac

1 Striped Racer lakeside

MONDAY, AUGUST 17, 1936

230th
Day

136 Days
to come

Cook worked today

Worked on South American
map tonight.

Copeia with horned toad paper
arrived; 2 bad mistakes.

TUESDAY, AUGUST 18, 1936

231st
Day

135 Days
to come

Cook worked today
Concert tonight

WEDNESDAY, AUGUST 19, 1936

232nd
Day

134 Days
to come

Cook worked today
Bogert called at noon
Concert tonight

THURSDAY, AUGUST 20, 1936

233rd
Day

133 Days
to come

Cook worked today
Poke tonight
Received Taylor's fine Eumeces
paper today

FRIDAY, AUGUST 21, 1936

234th
Day

132 Days
to come

Had a conference re printing
with Abbott and Brucker.
Cook worked today.

SATURDAY, AUGUST 22, 1936

235th
Day

131 Days
to come

Worked all day on the South America
map of durissus and then on Table 1 for
the key.

SUNDAY, AUGUST 23, 1936

236th
Day

11th Sunday after Trinity

130 Days
to come

Spent the entire day rearranging
the horridus, triseriatus, lepidus
and miliaris subspecies sheets to
take care of the new subspecies.
These to be retabulated by Miss
Carmody for Table 1 of the key.

MONDAY, AUGUST 24, 1936

237th
Day

St. Bartholomew

129 Days
to come

Cook worked today. Checked up with Oman and Bilderback - found both doing work for Grant. Started Miss Camrody tabulating.

TUESDAY, AUGUST 25, 1936

238th
Day

128 Days
to come

Cook worked today

WEDNESDAY, AUGUST 26, 1936

239th
Day

127 Days
to come

Called at the museum to check
up with Omar and Miss Carmody
Went to La Jolla. 15 miles. Nothing
seen.

THURSDAY, AUGUST 27, 1936

240th
Day

126 Days
to come

Chapman Grant and Dr.
Cowles called this evening.
Gossipped about herp. matters.

FRIDAY, AUGUST 28, 1936

241st
Day

St. Augustine

125 Days
to come

Recd a small ruler from Sefton
Waterfield

SATURDAY, AUGUST 29, 1936

242nd
Day

124 Days
to come

Miscellaneous work in the morning such as mapping, entering specimens, making labels etc. In the afternoon, began the task of working the 1936 scale counts into the Table of the Key

SUNDAY, AUGUST 30, 1936

243rd
Day

12th Sunday after Trinity

123 Days
to come

Worked all day and evening working
the 1936 scale counts into Table 1 of the Key.

MONDAY, AUGUST 31, 1936

244th
Day

122 Days
to come

Cook worked today.

TUESDAY, SEPTEMBER 1, 1936

245th
Day

121 Days
to come

Cook worked today
Went to La Jolla ; 20 miles ; nothing
seen

WEDNESDAY, SEPTEMBER 2, 1936

246th
Day

120 Days
to come

Checked up today with Miss
Carmody, Bilderback, and Omar.
Cook worked today.

THURSDAY, SEPTEMBER 3, 1936

247th
Day

119 Days
to come

Cook worked today

FRIDAY, SEPTEMBER 4, 1936

248th
Day

118 Days
to come

Cook worked today.
Talked to Abbott about cuts.
Recd 450 copies of Occ. Pap. No. 1.
Somewhat improved over the first
lot.

SATURDAY, SEPTEMBER 5, 1936

249th
Day

117 Days
to come

Recd today the first complete galley of the key. It is quite clean. gave it a first reading.

Then worked on the Snake records of 1936. The Zoo records were very poorly kept because of Perkins' absence.

A few records

Boyles King Ehrenburg, Ariz

A. c. occidentalis Blythe Calif

E. rubicaudatus Barona Ranch

Finished the 1936 records from all sources except the Reptile Club Book which was not available. This took a long time.

Then started transcribing the trip record. Got 3 pages of entries done.

SUNDAY, SEPTEMBER 6, 1936

250th
Day

13th Sunday after Trinity
Battle of Marne 1914

116 Days
to come

Worked all day listing the field trip records to date this year. This took steady work from 8 A.M. to 6 P.M.

Accounts tonight

Tonight Huey brought in a medium Pacific Rattlesnake which he killed today on the north slope of Laguna on the new road to Chaymaraco.

MONDAY, SEPTEMBER 7, 1936

251st
Day

Labor Day

115 Days
to come

Worked all day today on the Key. First entered all the 1936 specimens in the tabulation sheets. Now ready for cross-additions. Found some errors in Miss Carmody's entries.

Only expect to readd the cross-entries for averages where there is a chance that they may be changed by the new material. Of these there will be only a few. As to the others they will wait for a time when the figures will be used in statistical calculations.

Also did some work in the basement. This weekend leaves all odds-and-ends much less oppressing than heretofore.

TUESDAY, SEPTEMBER 8, 1936

252nd
Day

114 Days
to come

Cook worked today. Packed
most of the Arizona's for return.

WEDNESDAY, SEPTEMBER 9, 1936

253rd
Day

113 Days
to come

Cook worked today.

Cook worked today.

Philip returned from his trip to Mt. Whitney and Reno. The following are locality records not represented by specimens.
 Gopher DOR Fales Hot Springs, Mono Co
 M. taeniatus Topaz Lake, Mono Co
 T. o. elegans? Donner Lake
 Chauna Bottle 1/2 way bet. Truckee and Tahoe Town.

A small lizard was seen at Whitney Pass at 13,355

Margaret Bancroft called this evening and told me of her experiences at the snake dance this year.

She saw the dance at Hotevilla (Aug 22) and Shipaulovi (Aug 23) but not at Sichonovi (Aug 25th). No one was bitten. She thought there were 11 rattlers (1 small), 20 gophers and about 15 racers at H. and 16 rattlers (10 green, 6 red) 20 gophers and 25 racers at S. No one was bitten. The snakes were carried 5 to 10" behind the head. The dance was faster at S.

FRIDAY, SEPTEMBER 11, 1936

255th
Day

111 Days
to come

Cook worked today on my work.
Started card entries.

Miss Carmody left today. She
had almost finished the averaging
I recently gave her. I spent the
evening finishing it, so that table
No 1 of the key can finally be
finished.

SATURDAY, SEPTEMBER 12, 1936

256th
Day

Old Defenders Day (Baltimore, Md.)

110 Days
to come

Cook worked today

Spent all day and late into the evening on the arrangement of the key. Titles for maps, line drawings, and photos. Arrangement size and location. Also index. A tough job, still unfinished.

SUNDAY, SEPTEMBER 13, 1936

257th
Day

14th Sunday after Trinity

109 Days
to come

Spent the morning and afternoon finishing the preparatory work on the cuts for the key.

Earl Herald and a friend called this morning and gave me a fine collection from the San Bernardino Mts.

The following localities are not represented by specimens:

Rana boylei muscosa

Jenks Lake, S.B. Mts

Barton Flats "

Bufo b. halophilus

Barton Flats, S.B. Mts.

Hyla regilla

Jenks Lake, S.B. Mts.

Worked on Table 1 of the key until late in the evening, rechecking. Have about one more days work to do on this.

MONDAY, SEPTEMBER 14, 1936

258th
Day

Star Spangled Banner
Music Composed 1770-1775
Words Composed Sept 14, 1814

108 Days
to come

Cook worked today. Gave
O'Neill the order for the
half-tone cuts.

Received the separates of the
Coronation paper from Copeia.

TUESDAY, SEPTEMBER 15, 1936

259th
Day

107 Days
to come

Cook worked today.

Went out to the El Cajon Rotary club this noon; out by way of El Cajon ave. back Broadway 25 miles. 1 Boyles' & small DOR at grossmont.

Went to meeting of Reptile Club this evening. Talked over plans for revivifying.

The following records from Cy Perkins & Chas Shaw

C. marmorata Paso Robles

^{*L. g. boylii*}
~~*C. oregonus*~~ 2 mi. E. of "

H. ochrochynchus Cuesta Grade, SLO Co

L. g. boylii " " "

WEDNESDAY, SEPTEMBER 16, 1936

260th
Day

Ember Day

106 Days
to come

Cook worked today.
Started for San Francisco
on the afternoon train.

THURSDAY, SEPTEMBER 17, 1936

261st
Day

U. S. Constitution Adopted 1787

105 Days
to come

Cook worked today.
In San Francisco on
business

FRIDAY, SEPTEMBER 18, 1936

262nd
Day

Ember Day

104 Days
to come

Cook worked today
Returned from San Francisco
on the noon train.
Out to dinner tonight.

SATURDAY, SEPTEMBER 19, 1936

263rd
Day

Ember Day

103 Days
to come

Cook worked today.

Worked all day on the key
again: maps. also Alphabetical
synonymy not previously
incorporated. Made entries of the
Knowlton and Herald material in
the specimen catalog.

SUNDAY, SEPTEMBER 20, 1936

264th
Day

15th Sunday after Trinity

102 Days
to come

Cook worked this morning.
Worked all day on Table No. 1
of the key. It now incorporates
all the latest scale counts and
has been checked for accuracy.

MONDAY, SEPTEMBER 21, 1936

265th
Day

St. Matthew

101 Days
to come

Cook worked today.

Called at the museum and
talked to Omar.

Walker told me today of finding
a rubber crossing the road at about
11³⁰ P.M., temp. about 85°, 3 mi
W. of Plaster City.

TUESDAY, SEPTEMBER 22, 1936

266th
Day

100 Days
to come

Cook worked today.

WEDNESDAY, SEPTEMBER 23, 1936

267th
Day

1st Day of Autumn

99 Days
to come

Cook worked today.

THURSDAY, SEPTEMBER 24, 1936

268th
Day

98 Days
to come

Book worked today
miscellaneous catching up
tonight.

FRIDAY, SEPTEMBER 25, 1936

269th
Day

97 Days
to come

Worked on the cuts for the key
tonight. Geo. S. Myers called at the
office this afternoon.
Cook worked today.

SATURDAY, SEPTEMBER 26, 1936

270th
Day

96 Days
to come

Worked all day on rattlesnake
synonymy and nomenclature.
Mizers and Torn called at 4 P.M.
and stayed about an hour. Misc.
discussion.

SUNDAY, SEPTEMBER 27, 1936

271st
Day

16th Sunday after Trinity

95 Days
to come

Made better progress on nomenclature today than yesterday. Decided to change confluentus to viridis and atrox to cinereus as a result of two conferences with Myers who called in the morning and evening. Decided that these were the only two important changes to be made at this time.

MONDAY, SEPTEMBER 28, 1936

272nd
Day

Jewish New Year

94 Days
to come

Cook worked today (my personal work) and finished bringing the two card files up to date. This took 97 hours.

Conferred with Brucker and gave him the titles to photos, cuts, and maps.

Told Alskott about the decision re cinereous and viridis.

TUESDAY, SEPTEMBER 29, 1936

273rd
Day

Jewish New Year
St. Michael and All Angels

93 Days
to come

Recd today from Miss Molloy a
small Cal. Ring caught in her
garden here in S.D.

Worked on nomenclature tonight.

WEDNESDAY, SEPTEMBER 30, 1936

274th
Day

92 Days
to come

Worked on nomenclature
tonight

THURSDAY, OCTOBER 1, 1936

275th
Day

Missouri Day (Mo.)

91 Days
to come

Cook worked today.

Received the second complete galley proof of the key. Gave Bruckner the rewrite of "Nomenclature". Hawken called tonight. He is now working in San Francisco.

Cook told me of a Masticophis lateralis caught at Monument.

FRIDAY, OCTOBER 2, 1936

276th
Day

90 Days
to come

Cook worked today
accounts tonight. Called on
Grant.

SATURDAY, OCTOBER 3, 1936

277th
Day

89 Days
to come

Got the new Nomenclature section
of the proof today.

This afternoon went to Ensenada
with the Gibbys. A cool windy
afternoon. Started at 10³⁰ AM and
returned at 6 P.M.

- 1 Long nose S.DOR Descanso Pt
- 1 Gopher S.DOR near San Miguel Mission
- 1 Cal King M DOR Sauzal. Dark fairly
complete dorsal stripe
- 1 Gopher S.DOR El Tigre grade ~~Agua Caliente~~
- 1 Ruler M DOR 5 mi. S. of ~~Agua Caliente~~
- 1 Boylin S saved DOR Agua Caliente.

SUNDAY, OCTOBER 4, 1936

278th
Day

17th Sunday after Trinity
St. Francis of Assisi

88 Days
to come

Libbey's here today. Looked
over proofs. Nothing else done

MONDAY, OCTOBER 5, 1936

279th
Day

87 Days
to come

Cook worked today.
Drove to Escandido and back
on business, 66 miles. A clear
warm day. Nothing seen.

TUESDAY, OCTOBER 6, 1936

280th
Day

86 Days
to come

Cook worked today

Received today from Gloyd
a typewritten copy of his thesis
with a long letter of transmittal.
The thesis is to be returned after
examination — no hurry.

WEDNESDAY, OCTOBER 7, 1936

281st
Day

Jewish Day of Atonement

85 Days
to come

Cook worked today. Received a Mexican shipment of rattlers from Taylor for examination.

Went to a business meeting tonight at Oceanside.

THURSDAY, OCTOBER 8, 1936

282nd
Day

84 Days
to come

Cook worked today.

Went to dinner at the Tolla tonight.

FRIDAY, OCTOBER 9, 1936

283rd
Day

83 Days
to come

Cook worked today.

Called on Omar to check work

SATURDAY, OCTOBER 10, 1936

284th
Day

82 Days
to come

Worked hard all day and evening on miscellaneous routine. Got the 3d galley of the key and was much disappointed to find that they had mixed 10 and 8 pt. mats so that almost all the new lines were spoiled.

SUNDAY, OCTOBER 11, 1936

285th
Day

18th Sunday after Trinity

81 Days
to come

Worked all morning and evening
on the key. Tried out the figures,
found some too large. Checked all
figure numbers again.

MONDAY, OCTOBER 12, 1936

286th
Day

Columbus Discovered America 1492

80 Days
to come

Turned back the 3^d galley
today.
meeting of the Fellows SDSNH
tonight

TUESDAY, OCTOBER 13, 1936

287th
Day

79 Days
to come

Recd today a fine lot of
separates from Dr. Kellaway, Australia.
Worked on filing etc tonight.

WEDNESDAY, OCTOBER 14, 1936

288th
Day

78 Days
to come

Went to Los Angeles on business
this evening. Drove up 6-10
stopping at the County Fair.

THURSDAY, OCTOBER 15, 1936

289th
Day

77 Days
to come

Drove down from Los Angeles this
evening 54° - 93°. A slight
drizzle
got the 4th gallery of the Key
today.

FRIDAY, OCTOBER 16, 1936

290th
Day

U. S. Mint Established 1786

76 Days
to come

Called on Chapman this evening.
Talked over this and that.
Cook worked today.

SATURDAY, OCTOBER 17, 1936

291st
Day

75 Days
to come

Saw Chapman for a few moments
this morning re Herpetologica Mss
he was editing. Spent the rest
of the morning making one more
complete check in the 4th gallery
of the Key. Still finding a few
mistakes.

SUNDAY, OCTOBER 18, 1936

292nd
Day

19th Sunday after Trinity
St. Luke

74 Days
to come

Spent the entire day and evening on the growth section of the statistical study. Got it organized and under way at last; made fair headway. Laid out a ^{lot} of calculating work for Cook.

MONDAY, OCTOBER 19, 1936

293rd
Day

73 Days
to come

Cook worked today.
Went to a meeting of the reptile
club tonight.

Small gopher caught on Mission
Hills Oct 9th

TUESDAY, OCTOBER 20, 1936

294th
Day

72 Days
to come

Cook worked today
Went to El Cajon Rotary. 30 miles
nothing seen
Took the 4th galley of the Key
to Heyenesch.

WEDNESDAY, OCTOBER 21, 1936

295th
Day

71 Days
to come

Cook worked today.

THURSDAY, OCTOBER 22, 1936

296th
Day

70 Days
to come

Cook worked today.

FRIDAY, OCTOBER 23, 1936

297th
Day

69 Days
to come

Cook worked today.

SATURDAY, OCTOBER 24, 1936

298th
Day

68 Days
to come

Worked from morning until late in the evening on the variation in the length of juveniles including sexual dimorphism. Much length computation.

SUNDAY, OCTOBER 25, 1936

299th
Day

20th Sunday after Trinity

67 Days
to come

Worked from early morning until 9³⁰ on the variation of juvenile lengths. A much more difficult problem than I had expected. Made some progress but not complete by any means. So involved it will be hard to pick up next week end.

MONDAY, OCTOBER 26, 1936

300th
Day

66 Days
to come

Cook worked today

TUESDAY, OCTOBER 27, 1936

301st
Day

Theodore Roosevelt—Born 1858

65 Days
to come

Cook worked today &
Calculations on χ^2 tonight

WEDNESDAY, OCTOBER 28, 1936

302nd
Day

St. Simon and St. Jude

64 Days
to come

Cook worked today.
X² calculations tonight.

Worked on χ^2 calculations
tonight - lengths of juveniles.

A statement from
"Gazetteer of the State of New
Hampshire"
by Eliphalet Merrill and
Phineas Merrill.
Exeter 1817

at p. 17. "Serpents. - of these our
number is but small. The
rattlesnake is the one that is
poisonous; its numbers have
been great, but are now
diminishing."

FRIDAY, OCTOBER 30, 1936

304th
Day

62 Days
to come

Worked a little on the length
study tonight.

SATURDAY, OCTOBER 31, 1936

305th
Day

Reformation Day—Hallowe'en

61 Days
to come

Went to the UCLA game in LA.
today with Gy. Started at 8³⁰;
arrived at 11³⁰. Bought some Gould
books at a second hand store.
A cold rainy day. Nothing seen.
Returned late in the evening.
Found that Heyenysch had brought
around the first page proof of the
key.

SUNDAY, NOVEMBER 1, 1936

306th
Day

21st Sunday after Trinity
All Saints' Day

60 Days
to come

Checked the key in the morning,
and finished with the first page
proof.

In the afternoon and evening
continued with growth.

MONDAY, NOVEMBER 2, 1936

307th
Day

All Souls' Day

59 Days
to come

Returned the page proof to Meyenysch
this morning and discussed improvements
in arrangements.

Saw Perkins and Omar. Got a
small Trimorphodon from Hillsdale.
Cook worked today.

TUESDAY, NOVEMBER 3, 1936

308th
Day

Election Day

58 Days
to come

Got the second page proof
of the key today. Decided to
have a short natural history
of the rattlers included. Talked
it over with Abbott.

Election party tonight. Hell!

WEDNESDAY, NOVEMBER 4, 1936

309th
Day

57 Days
to come

Talked with Brucker about the addition today.

Worked late into the night on the new material.

Cook worked today.

THURSDAY, NOVEMBER 5, 1936

310th
Day

56 Days
to come

Worked on the new natural
history data for the key tonight.
Cook worked today.

FRIDAY, NOVEMBER 6, 1936

311th
Day

55 Days
to come

Worked on the new natural history
data tonight. left copies with
Abbott and Perkins

Cook worked today.

SATURDAY, NOVEMBER 7, 1936

312th
Day

54 Days
to come

Conferred all morning with Perkins and Abbott re new natural history section of the key.

Spent the afternoon and evening in the figures explaining the skull and biting mechanism. Hard work for one who never studied anatomy. Finally got it lined up.

SUNDAY, NOVEMBER 8, 1936

313th
Day

22nd Sunday after Trinity

53 Days
to come

Worked again on the skull drawings
and the new natural history section.

MONDAY, NOVEMBER 9, 1936

314th
Day

52 Days
to come

Cook worked today.
Spent the evening on the key
especially the jang figures.

TUESDAY, NOVEMBER 10, 1936

315th
Day

Martin Luther—Born 1483

51 Days
to come

Cook worked today.

Went to El Cajon Rotary this noon
30 miles - a warm day. Nothing
seen.

Had a long conference with
Abbott and Bricker. It is now
definitely decided that the key
will be 192 pages. Got some
good criticisms from ~~Kobbe~~ Perkins.

Spent the evening on page
proof No. 3; including the first
proof of the Natural history section

WEDNESDAY, NOVEMBER 11, 1936

316th
Day

Armistice Day

50 Days
to come

Cook came around today to say good-bye; he has accepted a job as railway mail clerk.

Worked all afternoon and evening putting in 2 more pages in the key to make it come out even. Also prepared the titles for the new figures.

THURSDAY, NOVEMBER 12, 1936

317th
Day

49 Days
to come

Worked on the key tonight.

FRIDAY, NOVEMBER 13, 1936

318th
Day

48 Days
to come

Got the 4th page proof of
the key today.
Movie in the evening.

SATURDAY, NOVEMBER 14, 1936

319th
Day

47 Days
to come

Spent the entire day and evening
on the 4th page proof of the key.
Still finding mistakes.

SUNDAY, NOVEMBER 15, 1936

320th
Day

23rd Sunday after Trinity

46 Days
to come

Finished checking the key
this morning.

Then miscellaneous clean-up
work.

Notes on a live juvenile
Trimorphodon from Hellsdale, El Cuyos
Valley.

The tongue is almost colorless.
It crawls with the head raised high.
Hisses, strikes and bites but the
teeth don't penetrate the skin.

The main blotches are only
faintly split.

The main dorsal blotches are
Bene Brown; faint center splits are
between blotches dorsally
Pale Russian blue to white.

MONDAY, NOVEMBER 16, 1936

321st
Day

45 Days
to come

Went to Chula Vista Rotary this noon. 15 miles. Nothing seen.

Went to the reptile club this evening. Chas. Shaw gave me the following records

Gopher DOR Sincerest Nov. 15

Boa S alive Dehesa Nov 15

Got another page proof this evening. It is now quite clear.

TUESDAY, NOVEMBER 17, 1936

322nd
Day

44 Days
to come

last conference with
Brucker before leaving.

left for the north at 4 P.M.

Arrived at Bakersfield at 11¹⁵.

Stopped on the way to hear Phil's
broadcast.

40 miles in the country before
dark. Nothing seen

WEDNESDAY, NOVEMBER 18, 1936

323rd
Day

43 Days
to come

Started from Bakersfield at 8 AM;
arrived at Pally at 3³⁰; went on
to San Francisco in the evening
after supper.

1 *T. sitalis* DOR 23 mi. E of Los Baños

1 *P. c. catenifer* DOR 10 " " " " "

Had a blow out at Los Baños and
another on Pacheco grade. Pinched
for speeding in San José \$10

Saw Geo Myers for an hour; also
met Dr. Ferris.

Reached San Francisco at 10 P.M.

THURSDAY, NOVEMBER 19, 1936

324th
Day

42 Days
to come

In San Francisco all day.
Conferred with C.F.G. in the morning
Went to the State Chamber of
Commerce meeting in the afternoon

FRIDAY, NOVEMBER 20, 1936

325th
Day

41 Days
to come

In San Francisco, busy with
meetings all day.

SATURDAY, NOVEMBER 21, 1936

326th
Day

Presentation B. V. Mary

40 Days
to come

Went to MVZ this morning crossing the Bridge for the first time. Saw Grinnell, Dixon, Hall, Fitch, Benson, Delacour (of Paris) and others. Checked up on recent netter acquisitions.

Went to the game in the afternoon. Back at the hotel at 5:30 via the Bridge.

SUNDAY, NOVEMBER 22, 1936

327th
Day

Sunday Next Before Advent

39 Days
to come

Went down to Palo Alto and visited with Philip about noon. Then started south reaching Glendale at about 11³⁰ stopping at the hotel. a light drizzle falling. Had trouble with the car after Bakersfield. Battery run down and ignition trouble

MONDAY, NOVEMBER 23, 1936

328th
Day

38 Days
to come

Was 10 AM today before
the car was fixed. Found
the trouble to be a burned out
condenser. Reached San Diego
at 1³⁰. Awoke 40 miles; nothing
seen

Catching up all afternoon
and evening.

Total miles for the trip

40540

39087

1153

TUESDAY, NOVEMBER 24, 1936

329th
Day

37 Days
to come

Catching up with work
Had a conference with albert and
with Brucke. Fixed Dec. 7 as
the date of the key.

WEDNESDAY, NOVEMBER 25, 1936

330th
Day

36 Days
to come

Another conference with Brucke.
more catching up tonight.

THURSDAY, NOVEMBER 26, 1936

331st
Day

Thanksgiving

35 Days
to come

Miscellaneous catching up today.
Out to dinners at noon and night.

FRIDAY, NOVEMBER 27, 1936

332nd
Day

34 Days
to come

Went to the printer 5 times today to see 4 page runs put on; particularly to check the fit of the line cuts in the spaces. No bad mistakes found so far. Caught me in the titles - not too late to fix.

SATURDAY, NOVEMBER 28, 1936

333rd
Day

1st Post Office Opened N. Y. 1783

33 Days
to come

Saw two more sections through the
press this morning. Then misc.
work. Not much done today & c
dinner tonight.

SUNDAY, NOVEMBER 29, 1936

334th
Day

First Sunday in Advent

32 Days
to come

Dinner at noon and night.
25th wedding anniversary.

MONDAY, NOVEMBER 30, 1936

335th
Day

St. Andrew

31 Days
to come

Went to the printers 4 times. They ran the first offset line drawings. The first was very disappointing; the balance quite good. The ink was very weak on the first.

TUESDAY, DECEMBER 1, 1936

336th
Day

30 Days
to come

Went to the printers & times today. They agreed to reprint the worst & page section.

Chapman called tonight and we dug out various Jamaican references.

WEDNESDAY, DECEMBER 2, 1936

337th
Day

Monroe Doctrine Declared 1823

29 Days
to come

Worked on a short key to Rattlers
of SW. for Pope.
Read Bogert's Salvadora paper
again.

THURSDAY, DECEMBER 3, 1936

338th
Day

St. Francis Xavier

28 Days
to come

Several trips to the printers today and more trouble with some of the line drawings. Will have to tip in some single sheets.

FRIDAY, DECEMBER 4, 1936

339th
Day

27 Days
to come

More trips to the printers. Found one map title misplaced and for awhile it seemed impossible to produce a hundred copies on Monday. However some paper was found and the bad section rerun.

Called at the printers to see the last maps run. Then to see Abbott to discuss distribution. Saw an atrox and a couple of lizards returned by the recent expedition to Lower California.

This afternoon rec'd the first 8 copies of the key. A little rough in spots, but no serious mistakes found yet. Glad to have that completed — the end of two years work. Besides the writing it has been a very difficult and complicated job to put through the press.

localities from Cole, Yosemite Park
Gopher - Wawona Basin
M. lateralis - $\frac{1}{2}$ mi below Park boundary,
Merced Canyon.

SUNDAY, DECEMBER 6, 1936

341st
Day

2nd Sunday in Advent

25 Days
to come

Spent the day on miscellaneous catching up. In the afternoon read a considerable part of Gloyd's thesis

MONDAY, DECEMBER 7, 1936

342nd
Day

24 Days
to come

Saw Meyenpach today about the size of the printing and also details of binding.

This afternoon he delivered 100 books to me and 100 to Nat. Hist. Mus. A few have bad pages but most of them are OK.

This evening talked to a State College class of about 30 on snakes from 7³⁰ to 8⁴⁰ with slides.

TUESDAY, DECEMBER 8, 1936

343rd
Day

Immaculate Conception

23 Days
to come

More printer trouble. An unusually large number of defective copies have shown up. Brucher took them back today. Claims he can replace them satisfactorily. Will send out the first autographed copies tomorrow.

Went to a movie tonight.

WEDNESDAY, DECEMBER 9, 1936

344th
Day

22 Days
to come

Mailed out some keys. They
have some bad places in nearly
every copy.

THURSDAY, DECEMBER 10, 1936

345th
Day

21 Days
to come

mailed out more copies.

FRIDAY, DECEMBER 11, 1936

346th
Day

20 Days
to come

Got enough copies today to make
a final mailing

SATURDAY, DECEMBER 12, 1936

347th
Day

19 Days
to come

Spent the day on accounts.
Out to dinner. Got the reprints of the
West American Scientist today.

SUNDAY, DECEMBER 13, 1936

348th
Day

3rd Sunday in Advent

18 Days
to come

More accounts and other
miscellaneous work

MONDAY, DECEMBER 14, 1936

349th
Day

17 Days
to come

More descending tonight.

TUESDAY, DECEMBER 15, 1936

350th
Day

16 Days
to come

move tonight

WEDNESDAY, DECEMBER 16, 1936

351st
Day

Ember Day
Boston Tea Party 1773

15 Days
to come

Recd a Trimorphodon from Nat Hist
Museum

THURSDAY, DECEMBER 17, 1936

352nd
Day

14 Days
to come

Philip arrived this morning.
Went to News Meter dunnies at
Torrey Pines. Hylas were heard
everywhere.

FRIDAY, DECEMBER 18, 1936

353rd
Day

Ember Day

13 Days
to come

Company at dinner tonight

SATURDAY, DECEMBER 19, 1936

354th
Day

Ember Day

12 Days
to come

Spent the entire day on
accounting matters. Move tonight.

SUNDAY, DECEMBER 20, 1936

355th
Day

4th Sunday in Advent

11 Days
to come

Finished accounting and other
miscellaneous work.

MONDAY, DECEMBER 21, 1936

356th
Day

*St. Thomas—First Day of Winter
Pilgrims landed at Plymouth Rock 1620*

10 Days
to come

Went to a Reptile Club meeting
tonight. Poor meeting.

TUESDAY, DECEMBER 22, 1936

357th
Day

9 Days
to come

Miscellaneous work tonight.

WEDNESDAY, DECEMBER 23, 1936

358th
Day

8 Days
to come

Christmas preparations

THURSDAY, DECEMBER 24, 1936

359th
Day

7 Days
to come

Christmas Eve dinner at Heyne-
mans

FRIDAY, DECEMBER 25, 1936

360th
Day

Christmas Day

6 Days
to come

Christmas festivities

SATURDAY, DECEMBER 26, 1936

361st
Day

St. Stephen
Washington Crossed Delaware 1776

5 Days
to come

Miscellaneous catching up

SUNDAY, DECEMBER 27, 1936

362nd
Day

St. John Evangelist

4 Days
to come

Miscellaneous recording

1936

MONDAY, DECEMBER 28, 1936

363rd
Day

Holy Innocents

3 Days
to come

Worked on data for replies to
recent communiques from Barbon
and Dunn.

TUESDAY, DECEMBER 29, 1936

364th
Day

2 Days
to come

Checking the Dunn + Carlson
letters tonight

WEDNESDAY, DECEMBER 30, 1936

365th
Day

1 Day
to come

A cold day - nothing done

THURSDAY, DECEMBER 31, 1936

366th
Day

Saw the new year in at
Wangenheim's tonight.

Received a copy of Kelly's
"Snakes of Maryland" today.

MEMORANDA

MEMORANDA

MEMORANDA

FEBRUARY

MARCH

APRIL

MAY

Date

CASH

Rec'd

Paid

JUNE

JULY

SEPTEMBER

Date _____

CASH

Rec'd

Paid

OCTOBER

DECEMBER

RECAPITULATION

	Rec'd	Paid
Cash on Hand Jan. 1st		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to New Account		

Postage Rates

Subject to change; Consult Postmaster

AIR MAIL: 6c. for first oz.
6c. for each additional oz. or fraction.

FIRST CLASS: Written matter and matter sealed against inspection.

LETTERS:..... 3c an ounce or fraction
except for local delivery which is 2c " " " "

POST CARDS (Private Mailing) 1c. each.

POSTAL CARDS (Government) 1c. each.

SECOND CLASS: Full copies of newspapers, magazines and periodicals. (May be sent Parcel Post if cheaper)

DOMESTIC..... 1c. for ea. 2 oz. or fraction.

FOREIGN..... 1½c. " " " " " "

THIRD CLASS: Merchandise and printed matter weighing 8 oz. or less.

1½c. for each 2 oz. or fraction.

(Special rate of 1c. for each 2 oz. or fraction for printed books and catalogs of 24 pages or more.)

FOURTH CLASS: (Parcel Post) covers matter weighing over 8oz. (except 1st and 2nd class). Zone rates apply.

SPECIAL HANDLING provides a means for securing same fast transit and delivery on fourth class parcels as is accorded letter mail.

If ordinary postage stamps are used, packages must be endorsed: "SPECIAL HANDLING"

Additional Fee

2 lbs. or less 10c.

over 2 lbs. and up to 10 lbs..... 15c.

over 10 lbs..... 20c.

SPECIAL DELIVERY

FIRST CLASS

Additional Fee

up to 2 lbs..... 10c.

over 2 lbs. and up to 10 lbs..... 20c.

over 10 lbs..... 25c.

OTHER CLASSES (including special handling)

up to 2 lbs..... 15c.

2 lbs. and up to 10 lbs..... 25c.

over 10 lbs..... 35c.

If ordinary postage stamps are used, package or letter must be endorsed: "SPECIAL DELIVERY"

REGISTRY MAIL, FIRST CLASS (Sealed)

Indemnity	Fee	Indemnity	Fee
Up to \$ 5....	15c.	\$300 — \$ 400....	60c.
\$ 5 — 25....	18c.	400 — 500....	70c.
25 — 50....	20c.	500 — 600....	80c.
50 — 75....	25c.	600 — 700....	85c.
75 — 100....	30c.	700 — 800....	90c.
100 — 200....	40c.	800 — 900....	95c.
200 — 300....	50c.	900 — 1000....	1.00

Articles not registered full value are surcharged at a special rate according to their value.

Postage Rates

Subject to change; Consult Postmaster

INSURANCE (3rd and 4th Class only)

Value	Fee	Value	Fee
Up to \$5.....	5c.	\$ 50 — \$100....	25c.
5 — 25.....	10c.	100 — 150....	30c.
25 — 50.....	15c.	150 — 200....	35c.

RETURN RECEIPTS: for Insured or Registered Mail

Domestic 3c. each. Foreign 5c. each.

COLLECT ON DELIVERY MAIL (Fee includes insurance)

Up to \$ 5.....	12c.	\$ 50 — \$100.....	32c.
5 — 25.....	17c.	100 — 150.....	40c.
25 — 50.....	22c.	150 — 200.....	45c.

SEALED PACKAGES

Third and fourth class matter may be closed against inspection when wrapper bears authorized printed indicia. If sealed without indicia, parcels are subject to first class rate.

SIZE OF PARCEL POST PACKAGES

Parcels must not exceed 100 inches in length and girth combined. For parcels measuring more than 84 inches but not more than 100 inches in length and girth combined, the minimum charge shall be the rate for a 10 pound parcel. The maximum weight limit is 70 pounds to all zones.

FEES FOR MONEY ORDERS

Under	\$2.50	6 cents
Exceeding	2.50 and not exceeding \$ 5.00.....	8 "
"	5.00 " " " 10.00.....	11 "
"	10.00 " " " 20.00.....	13 "
"	20.00 " " " 40.00.....	15 "
"	40.00 " " " 60.00.....	18 "
"	60.00 " " " 80.00.....	20 "
"	80.00 " " " 100.00.....	22 "

No money order issued for more than \$100

REFORWARDING

Letters, post cards and other first class mail may be re-forwarded without extra postage. Other matter requires a new prepayment of postage.

FOREIGN

Letter postage for all foreign countries in the following list is 3c. per oz.; Argentina, Bolivia, Brazil, Canada, Chile, Columbia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Honduras, Mexico, Newfoundland, Nicaragua, Panama, Paraguay, Peru, Salvador, Spain and Colonies, Uruguay and Venezuela.

The letter rate to all foreign countries not in the above list is 5c. for the first oz. or fraction, and 3c. for each additional oz. or fraction. This includes the following: Bahamas, Barbados, Bermuda, British Guiana, British Honduras, Cayman Islands, Cook Islands, Europe, New Zealand, Tobago, Trinidad, and Windward Islands.

REGISTRY

For all foreign letters, 15c. in addition to postage. For rates on other classes of foreign mail, inquire at post office.

COUNTING HOUSE CALENDAR 1937

	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.
JAN.	3	4	5	6	7	8	9	JULY	4	5	6	7	8	9	10
	10	11	12	13	14	15	16		11	12	13	14	15	16	17
	17	18	19	20	21	22	23		18	19	20	21	22	23	24
	24	25	26	27	28	29	30		25	26	27	28	29	30	31
	31								26	27	28	29	30	31	
FEB.	7	8	9	10	11	12	13	AUG.	1	2	3	4	5	6	7
	14	15	16	17	18	19	20		8	9	10	11	12	13	14
	21	22	23	24	25	26	27		15	16	17	18	19	20	21
	28								22	23	24	25	26	27	28
	29								23	24	25	26	27	28	29
MAR.	7	8	9	10	11	12	13	SEPT.	5	6	7	8	9	10	11
	14	15	16	17	18	19	20		12	13	14	15	16	17	18
	21	22	23	24	25	26	27		19	20	21	22	23	24	25
	28								26	27	28	29	30		
	29								27	28	29	30			
APRIL	4	5	6	7	8	9	10	OCT.	3	4	5	6	7	8	9
	11	12	13	14	15	16	17		10	11	12	13	14	15	16
	18	19	20	21	22	23	24		17	18	19	20	21	22	23
	25	26	27	28	29	30			24	25	26	27	28	29	30
	28								31						
MAY	2	3	4	5	6	7	8	NOV.	7	8	9	10	11	12	13
	9	10	11	12	13	14	15		14	15	16	17	18	19	20
	16	17	18	19	20	21	22		21	22	23	24	25	26	27
	23	24	25	26	27	28	29		28	29	30				
	30	31							28	29	30				
JUNE	6	7	8	9	10	11	12	DEC.	5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
	27	28	29	30					26	27	28	29	30	31	
	28								33						

